

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077042.D
 Acq On : 28 Aug 2023 15:37
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

Quant Time: Aug 29 02:50:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	187421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91844	49.772	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.540%		
35) Dibromofluoromethane	7.804	113	101598	46.634	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.269	98	389578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.575	95	115548	49.724	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	33636	18.756	ug/l	97
3) Chloromethane	2.146	50	68249	20.564	ug/l	98
4) Vinyl Chloride	2.281	62	73974	19.310	ug/l	96
5) Bromomethane	2.675	94	64548	19.701	ug/l	99
6) Chloroethane	2.828	64	55318	21.262	ug/l	98
7) Trichlorofluoromethane	3.163	101	65869	19.003	ug/l	94
8) Diethyl Ether	3.593	74	19218	20.253	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.957	101	39113	19.326	ug/l	97
10) Methyl Iodide	4.163	142	50618	19.618	ug/l #	89
11) Tert butyl alcohol	5.069	59	10294	92.977	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	39051	19.450	ug/l	88
13) Acrolein	3.799	56	18288	88.589	ug/l	100
14) Allyl chloride	4.557	41	44391	20.041	ug/l	95
15) Acrylonitrile	5.252	53	41396	98.577	ug/l	97
16) Acetone	4.016	43	44551	105.922	ug/l	87
17) Carbon Disulfide	4.257	76	127456	20.801	ug/l	99
18) Methyl Acetate	4.557	43	27443	19.283	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	83895	19.266	ug/l	98
20) Methylene Chloride	4.793	84	66706	23.176	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	46876	19.820	ug/l	97
22) Diisopropyl ether	6.216	45	103784	20.916	ug/l #	92
23) Vinyl Acetate	6.151	43	250914	100.952	ug/l #	92
24) 1,1-Dichloroethane	6.104	63	75652	20.310	ug/l	98
25) 2-Butanone	7.081	43	52870	100.321	ug/l	89
26) 2,2-Dichloropropane	7.075	77	64355	19.413	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	54093	20.359	ug/l	98
28) Bromochloromethane	7.422	49	28913	21.730	ug/l	92
29) Tetrahydrofuran	7.440	42	28953	98.909	ug/l	95
30) Chloroform	7.593	83	84864	20.337	ug/l	97
31) Cyclohexane	7.875	56	55544	18.841	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	74693	20.623	ug/l	93
36) 1,1-Dichloropropene	8.004	75	59117	19.048	ug/l	99
37) Ethyl Acetate	7.169	43	19764	17.657	ug/l #	93
38) Carbon Tetrachloride	7.987	117	58531	18.653	ug/l	91
39) Methylcyclohexane	9.269	83	67337	18.664	ug/l	96
40) Benzene	8.245	78	186006	19.958	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077042.D
 Acq On : 28 Aug 2023 15:37
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Quant Time: Aug 29 02:50:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	9621	15.587	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	48387	20.091	ug/l	96
43) Isopropyl Acetate	8.363	43	40523	19.054	ug/l #	78
44) Trichloroethene	9.028	130	50441	18.993	ug/l	98
45) 1,2-Dichloropropane	9.304	63	44229	20.061	ug/l	99
46) Dibromomethane	9.392	93	26601	18.950	ug/l	94
47) Bromodichloromethane	9.587	83	64738	19.756	ug/l #	98
48) Methyl methacrylate	9.381	41	18478	19.384	ug/l	86
49) 1,4-Dioxane	9.387	88	5627	374.194	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	105208	96.162	ug/l	92
52) Toluene	10.334	92	119044	19.821	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	57346	18.922	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	69026	19.151	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	36468	19.572	ug/l	93
56) Ethyl methacrylate	10.598	69	38198	19.439	ug/l	95
57) 1,3-Dichloropropane	10.881	76	58783	19.850	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	60605	153.552	ug/l	98
59) 2-Hexanone	10.922	43	75741	96.446	ug/l	90
60) Dibromochloromethane	11.075	129	44330	19.221	ug/l	92
61) 1,2-Dibromoethane	11.175	107	34650	19.426	ug/l	100
64) Tetrachloroethene	10.810	164	43239	19.178	ug/l	96
65) Chlorobenzene	11.604	112	133171	19.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	47580	18.756	ug/l	97
67) Ethyl Benzene	11.681	91	217507	18.670	ug/l	94
68) m/p-Xylenes	11.792	106	175703	37.673	ug/l	93
69) o-Xylene	12.122	106	80722	18.935	ug/l	92
70) Styrene	12.133	104	143035	19.314	ug/l	99
71) Bromoform	12.298	173	25214	17.850	ug/l #	96
73) Isopropylbenzene	12.422	105	208720	19.238	ug/l	96
74) N-amyl acetate	12.233	43	36159	18.923	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	39815	18.770	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	25982m	17.326	ug/l	
77) Bromobenzene	12.698	156	53182	19.440	ug/l	99
78) n-propylbenzene	12.763	91	251570	18.973	ug/l	99
79) 2-Chlorotoluene	12.851	91	139732	19.276	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	176861	19.525	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	11264	17.440	ug/l	93
82) 4-Chlorotoluene	12.945	91	151990	19.821	ug/l	96
83) tert-Butylbenzene	13.163	119	147605	18.847	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	177765	19.567	ug/l	98
85) sec-Butylbenzene	13.345	105	224250	18.964	ug/l	96
86) p-Isopropyltoluene	13.463	119	188551	18.699	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	107255	18.917	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	108852	19.790	ug/l	98
89) n-Butylbenzene	13.786	91	174317	18.823	ug/l	98
90) Hexachloroethane	14.051	117	38306	19.592	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	94541	19.565	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5522	18.694	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	55024	18.517	ug/l	99
94) Hexachlorobutadiene	15.204	225	29926	19.207	ug/l	99
95) Naphthalene	15.333	128	98613	17.891	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48252	18.126	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
Data File : VD077042.D
Acq On : 28 Aug 2023 15:37
Operator : JC/SY
Sample : VD0828SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

Quant Time: Aug 29 02:50:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077042.D
 Acq On : 28 Aug 2023 15:37
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/29/2023
 Supervised By : Mahesh Dadoda 08/29/2023

Quant Time: Aug 29 02:50:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

