

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077035.D
 Acq On : 28 Aug 2023 10:58
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Aug 28 12:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 12:57:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	201720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	347334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39579	19.928	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.860%#		
35) Dibromofluoromethane	7.804	113	45640	19.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.340%#		
50) Toluene-d8	10.269	98	164411	19.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.180%#		
62) 4-Bromofluorobenzene	12.575	95	46665	18.854	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	38566	19.981	ug/l	99
3) Chloromethane	2.146	50	71728	20.002	ug/l	98
4) Vinyl Chloride	2.275	62	82728	20.064	ug/l	99
5) Bromomethane	2.669	94	69328	19.660	ug/l	99
6) Chloroethane	2.822	64	54435	19.440	ug/l	99
7) Trichlorofluoromethane	3.164	101	74938	20.087	ug/l	93
8) Diethyl Ether	3.593	74	19533	19.125	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.952	101	42764	19.632	ug/l	97
10) Methyl Iodide	4.152	142	53969	19.434	ug/l #	88
11) Tert butyl alcohol	5.052	59	11180	93.821	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	43011	19.903	ug/l	92
13) Acrolein	3.787	56	18417	83.591	ug/l	93
14) Allyl chloride	4.558	41	45992	19.292	ug/l	93
15) Acrylonitrile	5.252	53	41862	92.621	ug/l	96
16) Acetone	4.022	43	46874	103.545	ug/l	94
17) Carbon Disulfide	4.263	76	133838	20.294	ug/l	99
18) Methyl Acetate	4.558	43	28500	18.607	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	86865	18.534	ug/l	92
20) Methylene Chloride	4.799	84	59470	18.476	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	49009	19.253	ug/l	91
22) Diisopropyl ether	6.216	45	102747	19.240	ug/l	95
23) Vinyl Acetate	6.152	43	256946m	101.434	ug/l	
24) 1,1-Dichloroethane	6.110	63	79157	19.744	ug/l	97
25) 2-Butanone	7.081	43	53364	94.081	ug/l	91
26) 2,2-Dichloropropane	7.069	77	67750	18.988	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	55216	19.308	ug/l	99
28) Bromochloromethane	7.422	49	30658	21.408	ug/l	94
29) Tetrahydrofuran	7.446	42	29824	94.663	ug/l	90
30) Chloroform	7.593	83	87073	19.387	ug/l	97
31) Cyclohexane	7.875	56	60389	19.032	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	74589	19.135	ug/l	97
36) 1,1-Dichloropropene	8.004	75	64875	19.626	ug/l	98
37) Ethyl Acetate	7.169	43	23452	19.577	ug/l #	93
38) Carbon Tetrachloride	7.987	117	61684	18.456	ug/l	93
39) Methylcyclohexane	9.275	83	72345	18.827	ug/l	98
40) Benzene	8.252	78	191912	19.334	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077035.D
 Acq On : 28 Aug 2023 10:58
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Aug 28 12:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 12:57:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10566	16.072	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	49966	19.479	ug/l	97
43) Isopropyl Acetate	8.357	43	42217	18.637	ug/l	95
44) Trichloroethene	9.028	130	53585	18.944	ug/l	95
45) 1,2-Dichloropropane	9.304	63	44928	19.132	ug/l	94
46) Dibromomethane	9.399	93	27709	18.534	ug/l	96
47) Bromodichloromethane	9.581	83	66870	19.159	ug/l	95
48) Methyl methacrylate	9.381	41	18059	17.787	ug/l	89
49) 1,4-Dioxane	9.393	88	5631	351.577	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	106198	91.136	ug/l	93
52) Toluene	10.334	92	119871	18.739	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	59199	18.340	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	72270	18.826	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	36313	18.298	ug/l	88
56) Ethyl methacrylate	10.598	69	38137	18.222	ug/l #	92
57) 1,3-Dichloropropane	10.875	76	59010	18.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	68462	165.629	ug/l	95
59) 2-Hexanone	10.922	43	77305	92.423	ug/l	88
60) Dibromochloromethane	11.075	129	47023	19.143	ug/l	99
61) 1,2-Dibromoethane	11.175	107	36121	19.014	ug/l	100
64) Tetrachloroethene	10.810	164	45124	19.419	ug/l	97
65) Chlorobenzene	11.604	112	134652	19.246	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	49901	19.085	ug/l	94
67) Ethyl Benzene	11.681	91	224177	18.671	ug/l	98
68) m/p-Xylenes	11.793	106	183160	38.104	ug/l	95
69) o-Xylene	12.122	106	81348	18.514	ug/l	91
70) Styrene	12.134	104	144129	18.883	ug/l	97
71) Bromoform	12.298	173	27395	18.817	ug/l #	98
73) Isopropylbenzene	12.422	105	213372	18.737	ug/l	97
74) N-amyl acetate	12.234	43	36564	18.231	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42867	19.254	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	30422m	19.957	ug/l	
77) Bromobenzene	12.698	156	53719	18.708	ug/l	97
78) n-propylbenzene	12.763	91	267567	19.226	ug/l	97
79) 2-Chlorotoluene	12.851	91	142585	18.740	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	180900	19.027	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12056	17.784	ug/l	95
82) 4-Chlorotoluene	12.945	91	149939	18.630	ug/l	99
83) tert-Butylbenzene	13.169	119	151825	18.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	178450	18.714	ug/l	99
85) sec-Butylbenzene	13.345	105	233569	18.818	ug/l	97
86) p-Isopropyltoluene	13.463	119	197495	18.661	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	111702	18.770	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	108173	18.737	ug/l	95
89) n-Butylbenzene	13.787	91	178158	18.329	ug/l	99
90) Hexachloroethane	14.051	117	39296	19.148	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	94507	18.634	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5228	16.862	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	57541	18.448	ug/l	97
94) Hexachlorobutadiene	15.204	225	29375	17.962	ug/l	95
95) Naphthalene	15.334	128	104079	17.991	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	50800	18.181	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
Data File : VD077035.D
Acq On : 28 Aug 2023 10:58
Operator : JC/SY
Sample : VSTDICC020
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

Quant Time: Aug 28 12:58:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 28 12:57:08 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 : VD077035.D
 Acq On : 28 Aug 2023 10:58
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 28 12:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 12:57:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

