

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078723.D
 Acq On : 21 Mar 2024 11:40
 Operator : RP/MD
 Sample : VD0321SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Quant Time: Mar 22 06:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55541	56.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.760%			
35) Dibromofluoromethane	7.811	113	59763	51.598	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.200%			
50) Toluene-d8	10.269	98	236774	55.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.160%			
62) 4-Bromofluorobenzene	12.575	95	65294	52.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	20047	20.492	ug/l	99
3) Chloromethane	2.152	50	28551	18.484	ug/l	93
4) Vinyl Chloride	2.293	62	40238	17.659	ug/l	94
5) Bromomethane	2.699	94	41555	19.047	ug/l	99
6) Chloroethane	2.840	64	33412	18.802	ug/l	97
7) Trichlorofluoromethane	3.187	101	39277	21.788	ug/l	98
8) Diethyl Ether	3.599	74	10227	19.431	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.981	101	24409	21.575	ug/l	96
10) Methyl Iodide	4.170	142	27485	20.538	ug/l	99
11) Tert butyl alcohol	5.058	59	4509	102.280	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	21946	20.406	ug/l	97
13) Acrolein	3.799	56	7114	103.014	ug/l	95
14) Allyl chloride	4.564	41	25209	21.007	ug/l	98
15) Acrylonitrile	5.264	53	23855	112.431	ug/l	98
16) Acetone	4.028	43	21392	112.301	ug/l	100
17) Carbon Disulfide	4.281	76	65003	18.437	ug/l	98
18) Methyl Acetate	4.570	43	8043	19.674	ug/l	96
19) Methyl tert-butyl Ether	5.334	73	44457	20.497	ug/l #	91
20) Methylene Chloride	4.811	84	29044	19.381	ug/l #	95
21) trans-1,2-Dichloroethene	5.322	96	25264	19.908	ug/l #	91
22) Diisopropyl ether	6.216	45	59775	21.909	ug/l #	92
23) Vinyl Acetate	6.158	43	171560	107.498	ug/l	99
24) 1,1-Dichloroethane	6.117	63	45809	22.394	ug/l	97
25) 2-Butanone	7.081	43	28413	112.191	ug/l	91
26) 2,2-Dichloropropane	7.087	77	37789	21.835	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	29864	20.633	ug/l	98
28) Bromochloromethane	7.428	49	15225	20.877	ug/l	98
29) Tetrahydrofuran	7.452	42	15435	112.053	ug/l	95
30) Chloroform	7.599	83	51023	22.371	ug/l	87
31) Cyclohexane	7.881	56	32267	19.488	ug/l	92
32) 1,1,1-Trichloroethane	7.805	97	42446	21.935	ug/l	98
36) 1,1-Dichloropropene	8.011	75	35491	21.119	ug/l	99
37) Ethyl Acetate	7.175	43	12074	21.992	ug/l	95
38) Carbon Tetrachloride	7.993	117	38219	21.572	ug/l	91
39) Methylcyclohexane	9.281	83	36655	18.802	ug/l	94
40) Benzene	8.258	78	107158	21.094	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078723.D
 Acq On : 21 Mar 2024 11:40
 Operator : RP/MD
 Sample : VD0321SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Quant Time: Mar 22 06:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	6652m	23.121	ug/l	
42) 1,2-Dichloroethane	8.334	62	27633	22.305	ug/l	100
43) Isopropyl Acetate	8.363	43	21540	21.574	ug/l #	82
44) Trichloroethene	9.034	130	29155	21.148	ug/l	90
45) 1,2-Dichloropropane	9.310	63	27440	22.770	ug/l	98
46) Dibromomethane	9.393	93	15213	21.059	ug/l	95
47) Bromodichloromethane	9.587	83	39029	22.695	ug/l	95
48) Methyl methacrylate	9.381	41	10567	21.721	ug/l	94
49) 1,4-Dioxane	9.381	88	2383	356.278	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	56929	109.065	ug/l	97
52) Toluene	10.334	92	68189	20.849	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	32752	20.830	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	41276	21.837	ug/l	90
55) 1,1,2-Trichloroethane	10.734	97	21552	22.279	ug/l	92
56) Ethyl methacrylate	10.599	69	19986	20.609	ug/l	100
57) 1,3-Dichloropropane	10.875	76	33319	21.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	42828	100.156	ug/l	95
59) 2-Hexanone	10.922	43	41825	108.090	ug/l	99
60) Dibromochloromethane	11.075	129	25589	21.450	ug/l	98
61) 1,2-Dibromoethane	11.181	107	18401	19.655	ug/l	91
64) Tetrachloroethene	10.810	164	24265	21.298	ug/l	95
65) Chlorobenzene	11.610	112	73700	20.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	28414	21.565	ug/l	99
67) Ethyl Benzene	11.687	91	124063	20.236	ug/l	97
68) m/p-Xylenes	11.793	106	99390	39.923	ug/l	98
69) o-Xylene	12.122	106	44088	19.141	ug/l	92
70) Styrene	12.140	104	81141	20.988	ug/l	98
71) Bromoform	12.304	173	15094	21.198	ug/l #	90
73) Isopropylbenzene	12.422	105	120418	21.436	ug/l	98
74) N-amyl acetate	12.234	43	19332	21.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	24242	23.312	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	15734m	23.936	ug/l	
77) Bromobenzene	12.704	156	29429	21.124	ug/l	97
78) n-propylbenzene	12.763	91	149319	21.837	ug/l	100
79) 2-Chlorotoluene	12.851	91	82689	22.044	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	98938	21.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6979	22.255	ug/l	93
82) 4-Chlorotoluene	12.946	91	86006	21.677	ug/l	99
83) tert-Butylbenzene	13.169	119	84509	21.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	97888	20.910	ug/l	97
85) sec-Butylbenzene	13.346	105	132160	21.803	ug/l	100
86) p-Isopropyltoluene	13.463	119	109143	21.033	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	63539	21.613	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	62328	21.512	ug/l	99
89) n-Butylbenzene	13.793	91	101190	21.592	ug/l	99
90) Hexachloroethane	14.057	117	22525	20.978	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	54056	21.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3142	22.586	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	29231	19.782	ug/l	99
94) Hexachlorobutadiene	15.204	225	15721	19.651	ug/l	98
95) Naphthalene	15.334	128	51218	19.936	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	26404	20.654	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
Data File : VD078723.D
Acq On : 21 Mar 2024 11:40
Operator : RP/MD
Sample : VD0321SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
Supervised By :Semsettin Yesilyurt 03/22/2024

Quant Time: Mar 22 06:54:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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

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

