

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078619.D
 Acq On : 08 Mar 2024 15:35
 Operator : RP/MD
 Sample : MDL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

Quant Time: Mar 09 03:33:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 09 03:32:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	185267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56197	56.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.500%			
35) Dibromofluoromethane	7.804	113	60856	50.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.000%			
50) Toluene-d8	10.269	98	225480	48.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.300%			
62) 4-Bromofluorobenzene	12.575	95	59460	44.455	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	2430	2.709	ug/l	97
3) Chloromethane	2.152	50	5526	3.421	ug/l	95
4) Vinyl Chloride	2.281	62	7552	3.075	ug/l	93
5) Bromomethane	2.693	94	7160	3.651	ug/l	95
6) Chloroethane	2.834	64	5572	3.061	ug/l #	88
7) Trichlorofluoromethane	3.163	101	4405	2.653	ug/l	86
8) Diethyl Ether	3.593	74	1184	2.539	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	2799	2.675	ug/l	97
10) Methyl Iodide	4.152	142	1901	1.736	ug/l #	74
11) Tert butyl alcohol	5.075	59	1146m	22.298	ug/l	
12) 1,1-Dichloroethene	3.934	96	2509	2.568	ug/l	83
13) Acrolein	3.799	56	1239	12.615	ug/l	99
14) Allyl chloride	4.558	41	2971	2.670	ug/l #	78
15) Acrylonitrile	5.263	53	2427	12.626	ug/l #	18
16) Acetone	4.028	43	5821	30.681	ug/l #	81
17) Carbon Disulfide	4.263	76	8200	2.519	ug/l #	94
18) Methyl Acetate	4.569	43	1672m	4.656	ug/l	
19) Methyl tert-butyl Ether	5.310	73	4675	2.354	ug/l #	88
20) Methylene Chloride	4.799	84	23550	12.378	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	2844	2.423	ug/l	96
22) Diisopropyl ether	6.204	45	4896	1.962	ug/l #	92
23) Vinyl Acetate	6.157	43	13420m	9.057	ug/l	
24) 1,1-Dichloroethane	6.104	63	5304	2.814	ug/l #	78
25) 2-Butanone	7.099	43	4016	16.781	ug/l	88
26) 2,2-Dichloropropane	7.069	77	4693	2.947	ug/l	83
27) cis-1,2-Dichloroethene	7.081	96	2903	2.259	ug/l	78
28) Bromochloromethane	7.422	49	1514	2.150	ug/l #	85
29) Tetrahydrofuran	7.457	42	1476	11.101	ug/l	90
30) Chloroform	7.599	83	5619	2.761	ug/l #	78
31) Cyclohexane	7.875	56	5589	3.606	ug/l #	79
32) 1,1,1-Trichloroethane	7.787	97	4511	2.584	ug/l	94
36) 1,1-Dichloropropene	8.010	75	3717	2.229	ug/l	91
37) Ethyl Acetate	7.163	43	1639m	3.033	ug/l	
38) Carbon Tetrachloride	7.993	117	3993	2.289	ug/l #	89
39) Methylcyclohexane	9.269	83	3960	2.023	ug/l	90
40) Benzene	8.251	78	11295	2.285	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	3232	2.577	ug/l	78
43) Isopropyl Acetate	8.369	43	2476	2.390	ug/l #	46
44) Trichloroethene	9.028	130	2836	2.091	ug/l	87
45) 1,2-Dichloropropane	9.304	63	2970	2.501	ug/l	99
46) Dibromomethane	9.387	93	1469	2.146	ug/l	90
47) Bromodichloromethane	9.581	83	3605	2.136	ug/l #	97
48) Methyl methacrylate	9.381	41	1391	2.964	ug/l #	67
49) 1,4-Dioxane	9.398	88	83	12.174	ug/l #	33
51) 4-Methyl-2-Pentanone	10.157	43	6194	11.584	ug/l	88
52) Toluene	10.328	92	6512	2.053	ug/l	92
53) t-1,3-Dichloropropene	10.551	75	3231	2.069	ug/l #	79
54) cis-1,3-Dichloropropene	10.016	75	3724	1.992	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	2272	2.357	ug/l #	87
56) Ethyl methacrylate	10.604	69	1510	1.563	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	3610	2.311	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	4835	11.052	ug/l	96
59) 2-Hexanone	10.922	43	4376	11.034	ug/l	82
60) Dibromochloromethane	11.075	129	2430	2.088	ug/l	82
61) 1,2-Dibromoethane	11.181	107	2089	2.362	ug/l	93
64) Tetrachloroethene	10.816	164	2251	2.078	ug/l	90
65) Chlorobenzene	11.598	112	7748	2.286	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.669	131	3217	2.549	ug/l	85
67) Ethyl Benzene	11.681	91	12087	2.058	ug/l	91
68) m/p-Xylenes	11.792	106	9081	3.821	ug/l	98
69) o-Xylene	12.122	106	3522	1.634	ug/l	82
70) Styrene	12.134	104	5938	1.589	ug/l	97
71) Bromoform	12.298	173	1477	2.200	ug/l #	95
73) Isopropylbenzene	12.416	105	10092	2.017	ug/l	99
74) N-amyl acetate	12.228	43	1956	2.322	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	2715	2.832	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	1588m	2.634	ug/l	
77) Bromobenzene	12.704	156	3020	2.495	ug/l	94
78) n-propylbenzene	12.763	91	13585	2.219	ug/l	100
79) 2-Chlorotoluene	12.845	91	7724	2.351	ug/l	89
80) 1,3,5-Trimethylbenzene	12.898	105	7650	1.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	431m	1.530	ug/l	
82) 4-Chlorotoluene	12.945	91	8036	2.296	ug/l	88
83) tert-Butylbenzene	13.163	119	6979	1.990	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	8032	1.930	ug/l	94
85) sec-Butylbenzene	13.345	105	10590	1.936	ug/l	99
86) p-Isopropyltoluene	13.457	119	8293	1.801	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	5634	2.179	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	6544	2.526	ug/l	85
89) n-Butylbenzene	13.786	91	8860	2.059	ug/l	99
90) Hexachloroethane	14.051	117	2233	2.385	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	5376	2.447	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	399	3.122	ug/l	56
93) 1,2,4-Trichlorobenzene	15.092	180	3247	2.496	ug/l	91
94) Hexachlorobutadiene	15.204	225	1563	2.184	ug/l	90
95) Naphthalene	15.333	128	4839	2.105	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.516	180	2515	2.177	ug/l	98

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

