

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079331.D
 Acq On : 03 Jul 2024 12:49
 Operator : RP/MD
 Sample : VD0703SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0703SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 04 06:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	182008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	336827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93563	52.795	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.600%			
35) Dibromofluoromethane	7.805	113	103529	46.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.660%			
50) Toluene-d8	10.269	98	343425	43.177	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 86.360%			
62) 4-Bromofluorobenzene	12.569	95	125607	49.248	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39683	19.290	ug/l	99
3) Chloromethane	2.146	50	62280	19.966	ug/l	94
4) Vinyl Chloride	2.281	62	78358	22.527	ug/l	100
5) Bromomethane	2.681	94	58839	18.671	ug/l	97
6) Chloroethane	2.834	64	52363	21.222	ug/l	99
7) Trichlorofluoromethane	3.169	101	74604	18.751	ug/l	99
8) Diethyl Ether	3.593	74	21446	18.326	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	47702	19.297	ug/l	95
10) Methyl Iodide	4.158	142	44919	22.560	ug/l	97
11) Tert butyl alcohol	5.058	59	12382m	101.671	ug/l	
12) 1,1-Dichloroethene	3.940	96	45374	18.962	ug/l	94
13) Acrolein	3.793	56	20477	85.018	ug/l	93
14) Allyl chloride	4.558	41	56446	18.484	ug/l	88
15) Acrylonitrile	5.246	53	48743	91.381	ug/l	99
16) Acetone	4.022	43	36834	85.268	ug/l	100
17) Carbon Disulfide	4.269	76	151992	18.081	ug/l	99
18) Methyl Acetate	4.564	43	23492	18.719	ug/l	89
19) Methyl tert-butyl Ether	5.311	73	90855	18.532	ug/l	100
20) Methylene Chloride	4.799	84	73381	21.521	ug/l #	94
21) trans-1,2-Dichloroethene	5.305	96	48932	18.198	ug/l #	77
22) Diisopropyl ether	6.210	45	129358	19.469	ug/l #	93
23) Vinyl Acetate	6.152	43	477171	94.862	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	88155	18.924	ug/l	97
25) 2-Butanone	7.087	43	55053	91.480	ug/l	88
26) 2,2-Dichloropropane	7.069	77	72743	19.780	ug/l	98
27) cis-1,2-Dichloroethene	7.069	96	55159	18.725	ug/l	87
28) Bromochloromethane	7.416	49	35402	18.227	ug/l #	72
29) Tetrahydrofuran	7.440	42	33607	89.893	ug/l #	85
30) Chloroform	7.593	83	92131	19.172	ug/l	99
31) Cyclohexane	7.875	56	69025	17.841	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	76443	19.381	ug/l	98
36) 1,1-Dichloropropene	8.010	75	63492	18.484	ug/l	95
37) Ethyl Acetate	7.163	43	26266	20.088	ug/l #	95
38) Carbon Tetrachloride	7.993	117	68597	19.665	ug/l	98
39) Methylcyclohexane	9.269	83	71632	17.725	ug/l	92
40) Benzene	8.246	78	198076	18.483	ug/l #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	13488	18.767	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	49255	19.110	ug/l	81
43) Isopropyl Acetate	8.357	43	45615	18.077	ug/l #	95
44) Trichloroethene	9.028	130	45377	18.536	ug/l	91
45) 1,2-Dichloropropane	9.304	63	49779	19.077	ug/l	96
46) Dibromomethane	9.393	93	27985	18.910	ug/l #	87
47) Bromodichloromethane	9.581	83	68723	18.976	ug/l	100
48) Methyl methacrylate	9.381	41	21156	18.581	ug/l	88
49) 1,4-Dioxane	9.387	88	5724	377.443	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	120629	91.859	ug/l	96
52) Toluene	10.334	92	122725	18.811	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	60708	18.562	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	73413	18.708	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	35475	18.585	ug/l	97
56) Ethyl methacrylate	10.599	69	40584	18.376	ug/l	93
57) 1,3-Dichloropropane	10.875	76	60237	18.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	91974	92.074	ug/l	90
59) 2-Hexanone	10.922	43	87173	93.477	ug/l	95
60) Dibromochloromethane	11.069	129	45635	18.940	ug/l	98
61) 1,2-Dibromoethane	11.181	107	33570	19.183	ug/l	96
64) Tetrachloroethene	10.804	164	38547	19.978	ug/l	92
65) Chlorobenzene	11.604	112	131880	19.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	44427	18.950	ug/l	96
67) Ethyl Benzene	11.681	91	217731	18.115	ug/l	99
68) m/p-Xylenes	11.793	106	174842	37.714	ug/l	87
69) o-Xylene	12.116	106	77011	18.492	ug/l	84
70) Styrene	12.134	104	141590	19.064	ug/l	95
71) Bromoform	12.298	173	24639	19.379	ug/l #	97
73) Isopropylbenzene	12.416	105	202870	18.336	ug/l	97
74) N-amyl acetate	12.228	43	44107	18.163	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	42860	18.583	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26086m	17.514	ug/l	
77) Bromobenzene	12.698	156	47711	19.170	ug/l	78
78) n-propylbenzene	12.763	91	258328	18.238	ug/l	94
79) 2-Chlorotoluene	12.845	91	149233	18.846	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	171233	18.280	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	14278	17.788	ug/l	99
82) 4-Chlorotoluene	12.945	91	156682	18.832	ug/l	93
83) tert-Butylbenzene	13.163	119	137405	18.108	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	173142	18.466	ug/l	95
85) sec-Butylbenzene	13.340	105	225087	18.643	ug/l	96
86) p-Isopropyltoluene	13.457	119	179302	17.992	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	96161	18.170	ug/l	93
88) 1,4-Dichlorobenzene	13.534	146	95459	18.149	ug/l	92
89) n-Butylbenzene	13.781	91	171046	17.491	ug/l	96
90) Hexachloroethane	14.051	117	38763	17.684	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	84369	18.525	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5898	18.653	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	44592	18.363	ug/l	98
94) Hexachlorobutadiene	15.198	225	24877	18.422	ug/l	98
95) Naphthalene	15.328	128	87287	18.415	ug/l	94
96) 1,2,3-Trichlorobenzene	15.516	180	37363	17.400	ug/l	95

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

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