

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076928.D
 Acq On : 07 Aug 2023 13:02
 Operator : KP/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:39:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	158271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70161	44.506	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.020%		
35) Dibromofluoromethane	7.804	113	88066	49.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.960%		
50) Toluene-d8	10.269	98	280999	44.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.260%		
62) 4-Bromofluorobenzene	12.575	95	96671	46.932	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23051	18.625	ug/l	88
3) Chloromethane	2.146	50	35678	16.711	ug/l	98
4) Vinyl Chloride	2.281	62	47709	16.763	ug/l	99
5) Bromomethane	2.669	94	42823	18.288	ug/l	99
6) Chloroethane	2.822	64	38529	17.931	ug/l #	87
7) Trichlorofluoromethane	3.164	101	49450	19.527	ug/l	99
8) Diethyl Ether	3.593	74	15916	18.254	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	35455	21.299	ug/l	95
10) Methyl Iodide	4.158	142	30068	16.024	ug/l	93
11) Tert butyl alcohol	5.063	59	11970	101.755	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	27355	17.491	ug/l	94
13) Acrolein	3.793	56	7828	97.650	ug/l	98
14) Allyl chloride	4.558	41	36422	17.728	ug/l	93
15) Acrylonitrile	5.252	53	42740	99.805	ug/l	99
16) Acetone	4.022	43	35877	95.295	ug/l #	85
17) Carbon Disulfide	4.269	76	48956	13.402	ug/l	98
18) Methyl Acetate	4.558	43	28438	20.105	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	82333	19.631	ug/l	94
20) Methylene Chloride	4.793	84	73448	28.291	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	32849	18.069	ug/l	96
22) Diisopropyl ether	6.222	45	94353	19.394	ug/l	95
23) Vinyl Acetate	6.152	43	219470m	91.174	ug/l	
24) 1,1-Dichloroethane	6.105	63	65953	20.106	ug/l	98
25) 2-Butanone	7.087	43	50138	99.506	ug/l	87
26) 2,2-Dichloropropane	7.075	77	57060	20.180	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	44704	19.947	ug/l	99
28) Bromochloromethane	7.428	49	18242	22.244	ug/l	86
29) Tetrahydrofuran	7.446	42	27797	93.371	ug/l	94
30) Chloroform	7.599	83	75726	21.078	ug/l	100
31) Cyclohexane	7.869	56	39141	16.871	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	59869	20.654	ug/l	97
36) 1,1-Dichloropropene	8.004	75	43715	18.796	ug/l	97
37) Ethyl Acetate	7.169	43	18740	18.017	ug/l	98
38) Carbon Tetrachloride	7.993	117	45577	20.466	ug/l	94
39) Methylcyclohexane	9.275	83	44674	16.635	ug/l	94
40) Benzene	8.252	78	144514	19.693	ug/l	100

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41) Methacrylonitrile	7.399	41	10658	16.780	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	41151	21.582	ug/l	97
43) Isopropyl Acetate	8.357	43	40380	19.893	ug/l #	81
44) Trichloroethene	9.022	130	38024	19.014	ug/l	97
45) 1,2-Dichloropropane	9.304	63	38556	20.353	ug/l #	89
46) Dibromomethane	9.393	93	24504	22.099	ug/l	89
47) Bromodichloromethane	9.587	83	60813	21.855	ug/l	91
48) Methyl methacrylate	9.381	41	16826	18.212	ug/l #	83
49) 1,4-Dioxane	9.393	88	5178	364.485	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	107174	99.163	ug/l	93
52) Toluene	10.334	92	96279	19.976	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	52631	20.378	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	62436	20.512	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	35740	22.073	ug/l	94
56) Ethyl methacrylate	10.598	69	34790	18.616	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	55023	20.867	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	77201	106.722	ug/l	96
59) 2-Hexanone	10.922	43	77372	100.329	ug/l	91
60) Dibromochloromethane	11.075	129	42415	22.549	ug/l	99
61) 1,2-Dibromoethane	11.181	107	31078	20.703	ug/l	99
64) Tetrachloroethene	10.810	164	30436	19.918	ug/l	94
65) Chlorobenzene	11.610	112	112021	20.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	43513	21.685	ug/l	95
67) Ethyl Benzene	11.687	91	179599	18.974	ug/l	96
68) m/p-Xylenes	11.793	106	139327	38.327	ug/l	91
69) o-Xylene	12.122	106	68896	19.599	ug/l	98
70) Styrene	12.134	104	121592	19.759	ug/l	97
71) Bromoform	12.298	173	25315	23.035	ug/l #	100
73) Isopropylbenzene	12.422	105	179616	18.460	ug/l	95
74) N-amyl acetate	12.234	43	37951	18.514	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	42642	20.411	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	27873m	21.854	ug/l	
77) Bromobenzene	12.698	156	45761	20.375	ug/l	91
78) n-propylbenzene	12.763	91	224015	18.991	ug/l	96
79) 2-Chlorotoluene	12.851	91	123054	19.025	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	150019	19.068	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11895	19.849	ug/l	98
82) 4-Chlorotoluene	12.945	91	132569	19.620	ug/l	95
83) tert-Butylbenzene	13.169	119	130430	18.828	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	153558	19.099	ug/l	95
85) sec-Butylbenzene	13.345	105	205806	19.445	ug/l	97
86) p-Isopropyltoluene	13.463	119	166691	19.070	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	92461	20.015	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	94844	20.955	ug/l	98
89) n-Butylbenzene	13.787	91	159864	18.690	ug/l	98
90) Hexachloroethane	14.057	117	35345	21.872	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	84137	20.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5547	18.622	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	50037	20.135	ug/l	97
94) Hexachlorobutadiene	15.204	225	24235	20.277	ug/l	96
95) Naphthalene	15.333	128	101329	18.831	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	45424	20.369	ug/l	97

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

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