

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079529.D
 Acq On : 01 Aug 2024 16:54
 Operator : RP/MD
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 01:28:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111070	54.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.600%			
35) Dibromofluoromethane	7.805	113	118590	52.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.269	98	450519	51.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.569	95	134009	52.657	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31116	19.904	ug/l	99
3) Chloromethane	2.146	50	58657	20.364	ug/l	91
4) Vinyl Chloride	2.276	62	70004	20.440	ug/l	99
5) Bromomethane	2.676	94	45515	19.445	ug/l	99
6) Chloroethane	2.823	64	46000	20.901	ug/l	100
7) Trichlorofluoromethane	3.164	101	71387	20.959	ug/l	100
8) Diethyl Ether	3.587	74	22351	21.724	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	45227	20.995	ug/l	99
10) Methyl Iodide	4.158	142	45554	18.918	ug/l	97
11) Tert butyl alcohol	5.046	59	13600	149.003	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	42787	19.847	ug/l	98
13) Acrolein	3.793	56	17427	116.528	ug/l	97
14) Allyl chloride	4.552	41	56040	19.686	ug/l	87
15) Acrylonitrile	5.252	53	55362	115.150	ug/l	96
16) Acetone	4.022	43	40626	103.132	ug/l	99
17) Carbon Disulfide	4.264	76	137563	19.331	ug/l	100
18) Methyl Acetate	4.564	43	26815	21.925	ug/l #	87
19) Methyl tert-butyl Ether	5.311	73	94033	21.369	ug/l	91
20) Methylene Chloride	4.799	84	77417	17.165	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	49492	20.436	ug/l	87
22) Diisopropyl ether	6.216	45	135356	21.370	ug/l #	90
23) Vinyl Acetate	6.152	43	504248	105.904	ug/l	94
24) 1,1-Dichloroethane	6.105	63	87191	20.542	ug/l	96
25) 2-Butanone	7.087	43	58471	104.698	ug/l	99
26) 2,2-Dichloropropane	7.069	77	69009	20.100	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	55539	20.063	ug/l	87
28) Bromochloromethane	7.422	49	39191	21.056	ug/l	80
29) Tetrahydrofuran	7.452	42	39015	112.727	ug/l #	83
30) Chloroform	7.593	83	91914	21.383	ug/l	94
31) Cyclohexane	7.875	56	64990	19.306	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	77279	21.787	ug/l	98
36) 1,1-Dichloropropene	8.005	75	63023	20.389	ug/l	97
37) Ethyl Acetate	7.164	43	31066	24.513	ug/l	95
38) Carbon Tetrachloride	7.987	117	67268	20.702	ug/l	96
39) Methylcyclohexane	9.275	83	71923	19.502	ug/l	93
40) Benzene	8.246	78	202200	20.596	ug/l	95

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41) Methacrylonitrile	7.393	41	15549	22.305	ug/l	88
42) 1,2-Dichloroethane	8.322	62	50427	21.555	ug/l	98
43) Isopropyl Acetate	8.358	43	52686	22.120	ug/l	93
44) Trichloroethene	9.022	130	50204	20.542	ug/l	100
45) 1,2-Dichloropropane	9.305	63	51864	21.708	ug/l	99
46) Dibromomethane	9.393	93	29397	22.195	ug/l	96
47) Bromodichloromethane	9.581	83	69670	21.422	ug/l	95
48) Methyl methacrylate	9.381	41	23362	21.917	ug/l	86
49) 1,4-Dioxane	9.387	88	7136	519.953	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	141174	116.094	ug/l	93
52) Toluene	10.334	92	127285	20.963	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	62138	20.690	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	74763	20.695	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	38778	22.225	ug/l	97
56) Ethyl methacrylate	10.593	69	44306	21.431	ug/l	90
57) 1,3-Dichloropropane	10.881	76	64994	21.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	103417	108.472	ug/l	91
59) 2-Hexanone	10.922	43	97211	114.623	ug/l	94
60) Dibromochloromethane	11.069	129	50042	21.956	ug/l	99
61) 1,2-Dibromoethane	11.175	107	34792	21.285	ug/l	93
64) Tetrachloroethene	10.804	164	43368	20.016	ug/l	96
65) Chlorobenzene	11.604	112	139802	19.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	47920	20.470	ug/l	99
67) Ethyl Benzene	11.681	91	225467	19.357	ug/l	98
68) m/p-Xylenes	11.793	106	182342	39.458	ug/l	94
69) o-Xylene	12.116	106	82350	19.442	ug/l	92
70) Styrene	12.134	104	148701	20.024	ug/l	97
71) Bromoform	12.299	173	29219	22.079	ug/l #	98
73) Isopropylbenzene	12.416	105	207669	19.409	ug/l	100
74) N-amyl acetate	12.228	43	50925	21.248	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	46616	22.022	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	34530m	24.243	ug/l	
77) Bromobenzene	12.698	156	56094	20.530	ug/l	91
78) n-propylbenzene	12.763	91	267617	19.648	ug/l	98
79) 2-Chlorotoluene	12.846	91	148594	19.592	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	181572	20.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	15512	20.772	ug/l	96
82) 4-Chlorotoluene	12.946	91	158431	20.038	ug/l	100
83) tert-Butylbenzene	13.163	119	151163	19.573	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	183656	20.179	ug/l	100
85) sec-Butylbenzene	13.340	105	235431	19.501	ug/l	100
86) p-Isopropyltoluene	13.457	119	197128	19.800	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	116614	20.604	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	112561	20.229	ug/l	97
89) n-Butylbenzene	13.787	91	183747	19.882	ug/l	99
90) Hexachloroethane	14.051	117	43283	20.497	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	99490	20.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6095	21.639	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	58260	19.117	ug/l	97
94) Hexachlorobutadiene	15.198	225	32788	19.934	ug/l	94
95) Naphthalene	15.328	128	107928	20.461	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	50879	18.979	ug/l	98

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

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