

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077912.D
 Acq On : 15 Dec 2023 19:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 16 04:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						12/18/2023
1) Pentafluorobenzene	7.881	168	125176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	215780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112711	50.000	ug/l	0.00
System Monitoring Compounds						12/18/2023
33) 1,2-Dichloroethane-d4	8.234	65	81287	55.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.810	113	84644	52.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.269	98	334985	51.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.569	95	99752	51.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	61669	39.439	ug/l	98
3) Chloromethane	2.152	50	117544	55.150	ug/l	96
4) Vinyl Chloride	2.287	62	156215	53.989	ug/l	99
5) Bromomethane	2.693	94	104312	64.248	ug/l	99
6) Chloroethane	2.840	64	114840	58.216	ug/l	99
7) Trichlorofluoromethane	3.181	101	123530	46.355	ug/l	96
8) Diethyl Ether	3.593	74	43326	57.900	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	71096	46.635	ug/l	98
10) Methyl Iodide	4.163	142	87096	63.137	ug/l #	90
11) Tert butyl alcohol	5.051	59	17997	253.527	ug/l	95
12) 1,1-Dichloroethene	3.946	96	76705	50.978	ug/l #	82
13) Acrolein	3.799	56	30294	194.155	ug/l	99
14) Allyl chloride	4.569	41	107830	52.106	ug/l	90
15) Acrylonitrile	5.257	53	91369	285.183	ug/l	98
16) Acetone	4.022	43	84024	265.542	ug/l #	84
17) Carbon Disulfide	4.275	76	240304	47.206	ug/l	99
18) Methyl Acetate	4.563	43	74233	63.903	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	187988	58.887	ug/l	99
20) Methylene Chloride	4.804	84	99692	57.829	ug/l #	89
21) trans-1,2-Dichloroethene	5.310	96	91051	53.425	ug/l	96
22) Diisopropyl ether	6.216	45	240600	55.636	ug/l	93
23) Vinyl Acetate	6.157	43	552641m	261.687	ug/l	
24) 1,1-Dichloroethane	6.116	63	160669	54.863	ug/l	95
25) 2-Butanone	7.081	43	109146	270.418	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	120653	49.069	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	107213	58.464	ug/l	92
28) Bromochloromethane	7.428	49	59384	50.182	ug/l #	79
29) Tetrahydrofuran	7.445	42	64108	272.936	ug/l	90
30) Chloroform	7.592	83	163284	55.710	ug/l	97
31) Cyclohexane	7.875	56	113570	43.288	ug/l	90
32) 1,1,1-Trichloroethane	7.798	97	136088	52.669	ug/l	99
36) 1,1-Dichloropropene	8.010	75	118465	46.015	ug/l	95
37) Ethyl Acetate	7.169	43	42172	42.011	ug/l	98
38) Carbon Tetrachloride	7.992	117	115567	45.028	ug/l	97
39) Methylcyclohexane	9.275	83	130418	42.732	ug/l	96
40) Benzene	8.251	78	373900	51.171	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	29386m	57.595	ug/l	94
42) 1,2-Dichloroethane	8.328	62	98136	51.813	ug/l	94
43) Isopropyl Acetate	8.357	43	90095	50.489	ug/l #	92
44) Trichloroethene	9.028	130	95898	50.362	ug/l	98
45) 1,2-Dichloropropane	9.304	63	91816	51.690	ug/l	100
46) Dibromomethane	9.392	93	51301	54.584	ug/l	91
47) Bromodichloromethane	9.586	83	127956	53.713	ug/l	100
48) Methyl methacrylate	9.381	41	53654	52.894	ug/l #	78
49) 1,4-Dioxane	9.386	88	8993	963.627	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	233540	256.436	ug/l	92
52) Toluene	10.333	92	234684	51.778	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	122061	53.357	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	144669	52.306	ug/l #	90
55) 1,1,2-Trichloroethane	10.733	97	68363	53.177	ug/l	92
56) Ethyl methacrylate	10.598	69	63429	55.970	ug/l	91
57) 1,3-Dichloropropane	10.880	76	123293	55.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	192446	297.776	ug/l	94
59) 2-Hexanone	10.922	43	167396	221.549	ug/l	90
60) Dibromochloromethane	11.075	129	82178	53.093	ug/l	92
61) 1,2-Dibromoethane	11.180	107	65379	54.026	ug/l	99
64) Tetrachloroethene	10.810	164	76673	48.345	ug/l	94
65) Chlorobenzene	11.610	112	248345	48.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	91028	50.730	ug/l	98
67) Ethyl Benzene	11.680	91	448250	49.897	ug/l	96
68) m/p-Xylenes	11.792	106	351540	102.303	ug/l	92
69) o-Xylene	12.122	106	166879	52.694	ug/l	92
70) Styrene	12.133	104	250106	53.112	ug/l	94
71) Bromoform	12.298	173	49671	52.979	ug/l #	98
73) Isopropylbenzene	12.422	105	420314	49.203	ug/l	98
74) N-amyl acetate	12.233	43	80392	47.875	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	78729	52.856	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	51770m	52.886	ug/l	
77) Bromobenzene	12.698	156	102306	50.916	ug/l	92
78) n-propylbenzene	12.763	91	510716	49.063	ug/l	96
79) 2-Chlorotoluene	12.845	91	280708	50.320	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	355355	49.876	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	25071	51.890	ug/l	97
82) 4-Chlorotoluene	12.945	91	297300	50.979	ug/l	97
83) tert-Butylbenzene	13.163	119	314846	52.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	367646	51.591	ug/l	97
85) sec-Butylbenzene	13.345	105	435162	48.944	ug/l	96
86) p-Isopropyltoluene	13.457	119	395352	49.665	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	208417	50.722	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	206805	50.438	ug/l	99
89) n-Butylbenzene	13.786	91	355930	47.519	ug/l	99
90) Hexachloroethane	14.051	117	75641	51.669	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	179775	51.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10635	49.276	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	112993	47.336	ug/l	98
94) Hexachlorobutadiene	15.204	225	56240	43.692	ug/l	99
95) Naphthalene	15.333	128	215705	54.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	97854	49.725	ug/l	97

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 Yesilyurt

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

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Yesilyurt

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