

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070886.D
 Acq On : 28 Oct 2021 12:08
 Operator : VA/SY
 Sample : VD1028SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:38:10 PM

Quant Time: Oct 29 05:22:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	484009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	759364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	723982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232344	47.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.460%		
35) Dibromofluoromethane	7.909	113	255924	51.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.220%		
50) Toluene-d8	10.332	98	984344	52.257	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.520%		
62) 4-Bromofluorobenzene	12.620	95	326481	52.531	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	80789	17.998	ug/l	91
3) Chloromethane	2.209	50	114938	18.092	ug/l	100
4) Vinyl Chloride	2.350	62	126809	18.044	ug/l	97
5) Bromomethane	2.750	94	85167	16.607	ug/l	97
6) Chloroethane	2.909	64	65918	15.181	ug/l	99
7) Trichlorofluoromethane	3.268	101	151780	17.535	ug/l	95
8) Diethyl Ether	3.703	74	48485	20.217	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	102867	18.438	ug/l	98
10) Methyl Iodide	4.297	142	81926	16.572	ug/l	97
11) Tert butyl alcohol	5.220	59	26276	101.564	ug/l #	83
12) 1,1-Dichloroethene	4.062	96	93221	19.088	ug/l	95
13) Acrolein	3.926	56	20504	88.378	ug/l	95
14) Allyl chloride	4.709	41	142346	18.606	ug/l	99
15) Acrylonitrile	5.415	53	109573	95.385	ug/l	98
16) Acetone	4.150	43	102228	90.265	ug/l	98
17) Carbon Disulfide	4.403	76	295736	17.130	ug/l	99
18) Methyl Acetate	4.715	43	72477	18.667	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	198477	19.537	ug/l	92
20) Methylene Chloride	4.956	84	134939	18.018	ug/l	99
21) trans-1,2-Dichloroethene	5.468	96	105118	18.164	ug/l	97
22) Diisopropyl ether	6.362	45	313677	19.772	ug/l	96
23) Vinyl Acetate	6.303	43	685716	95.051	ug/l	100
24) 1,1-Dichloroethane	6.262	63	200045	18.708	ug/l	97
25) 2-Butanone	7.209	43	131226	94.140	ug/l	98
26) 2,2-Dichloropropane	7.209	77	162675	19.068	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	118258	19.068	ug/l	97
28) Bromochloromethane	7.544	49	77917	18.582	ug/l	94
29) Tetrahydrofuran	7.562	42	80077	95.088	ug/l	95
30) Chloroform	7.703	83	199626	18.600	ug/l	98
31) Cyclohexane	7.985	56	178229	17.968	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	165325	18.037	ug/l	98
36) 1,1-Dichloropropene	8.109	75	150061	18.887	ug/l	99
37) Ethyl Acetate	7.285	43	56646	19.176	ug/l	97
38) Carbon Tetrachloride	8.091	117	150924	18.890	ug/l	98
39) Methylcyclohexane	9.350	83	170433	18.642	ug/l	90
40) Benzene	8.350	78	450982	19.524	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31964	20.455	ug/l	87
42) 1,2-Dichloroethane	8.414	62	112232	19.083	ug/l	99
43) Isopropyl Acetate	8.444	43	106559	19.406	ug/l	99
44) Trichloroethene	9.103	130	113292	18.984	ug/l	97
45) 1,2-Dichloropropane	9.379	63	117028	19.110	ug/l	98
46) Dibromomethane	9.467	93	59551	19.835	ug/l	98
47) Bromodichloromethane	9.656	83	148387	19.118	ug/l	98
48) Methyl methacrylate	9.450	41	50827	19.373	ug/l	97
49) 1,4-Dioxane	9.461	88	12066	376.540	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	286485	99.497	ug/l	100
52) Toluene	10.397	92	286025	20.604	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	137232	20.287	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	168523	20.178	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	84741	19.901	ug/l #	91
56) Ethyl methacrylate	10.655	69	91416	19.368	ug/l	95
57) 1,3-Dichloropropane	10.938	76	141010	19.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	209982	103.729	ug/l	97
59) 2-Hexanone	10.979	43	203073	98.797	ug/l	100
60) Dibromochloromethane	11.132	129	99653	19.505	ug/l	100
61) 1,2-Dibromoethane	11.244	107	78233	19.904	ug/l	99
64) Tetrachloroethene	10.867	164	97340	19.596	ug/l	98
65) Chlorobenzene	11.661	112	293530	19.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	108445	19.681	ug/l	99
67) Ethyl Benzene	11.738	91	488796	18.898	ug/l	96
68) m/p-Xylenes	11.844	106	402418	39.957	ug/l	100
69) o-Xylene	12.173	106	176715	19.373	ug/l	100
70) Styrene	12.185	104	319989	20.255	ug/l	98
71) Bromoform	12.350	173	57898	19.884	ug/l #	99
73) Isopropylbenzene	12.467	105	475185	19.898	ug/l	99
74) N-amyl acetate	12.279	43	101301	19.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	95324	19.561	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	69811m	19.807	ug/l	
77) Bromobenzene	12.749	156	116214	19.973	ug/l	97
78) n-propylbenzene	12.808	91	604776	19.730	ug/l	99
79) 2-Chlorotoluene	12.897	91	350175	19.675	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	406998	20.081	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	28137	20.953	ug/l	100
82) 4-Chlorotoluene	12.997	91	371948	20.110	ug/l	99
83) tert-Butylbenzene	13.208	119	342806	20.284	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	402045	20.119	ug/l	99
85) sec-Butylbenzene	13.391	105	521825	19.576	ug/l	98
86) p-Isopropyltoluene	13.502	119	434762	20.274	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	238423	19.843	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	235831	19.791	ug/l	98
89) n-Butylbenzene	13.832	91	386304	18.385	ug/l	99
90) Hexachloroethane	14.102	117	92413	19.203	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	209201	20.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	13943	19.639	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	126811	21.405	ug/l	94
94) Hexachlorobutadiene	15.249	225	84435	21.632	ug/l	99
95) Naphthalene	15.385	128	187811	19.449	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	108260	21.029	ug/l	99

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

