

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069093.D
 Acq On : 06 May 2021 23:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:26:04 PM

Quant Time: May 07 01:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	251861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	430093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	432888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147350	45.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.78%		
35) Dibromofluoromethane	7.914	113	149465	50.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.36%		
50) Toluene-d8	10.338	98	543443	49.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.82%		
62) 4-Bromofluorobenzene	12.626	95	180642	50.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	120747	39.42	ug/l	100
3) Chloromethane	2.209	50	156002	41.38	ug/l	90
4) Vinyl Chloride	2.344	62	207197	41.56	ug/l	98
5) Bromomethane	2.750	94	140689	47.43	ug/l	93
6) Chloroethane	2.909	64	141373	48.77	ug/l	100
7) Trichlorofluoromethane	3.262	101	224160	40.95	ug/l	96
8) Diethyl Ether	3.709	74	65003	48.88	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	130026	44.36	ug/l	95
10) Methyl Iodide	4.291	142	134783	50.92	ug/l	93
11) Tert butyl alcohol	5.226	59	46756	221.93	ug/l	97
12) 1,1-Dichloroethene	4.062	96	122753	46.51	ug/l	88
13) Acrolein	3.921	56	42350	217.72	ug/l	98
14) Allyl chloride	4.715	41	135228	39.76	ug/l	94
15) Acrylonitrile	5.415	53	133896	231.63	ug/l	100
16) Acetone	4.156	43	92737	198.34	ug/l	91
17) Carbon Disulfide	4.403	76	378676	42.44	ug/l	98
18) Methyl Acetate	4.721	43	57141	45.20	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	300257	49.77	ug/l	99
20) Methylene Chloride	4.962	84	199399	64.67	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	155865	49.70	ug/l	89
22) Diisopropyl ether	6.362	45	338592	44.60	ug/l #	93
23) Vinyl Acetate	6.303	43	965184	222.38	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	245179	45.73	ug/l	97
25) 2-Butanone	7.209	43	144094	207.65	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	189152	37.77	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	170471	50.37	ug/l	91
28) Bromochloromethane	7.544	49	98177	45.36	ug/l #	82
29) Tetrahydrofuran	7.562	42	95027	222.61	ug/l	91
30) Chloroform	7.709	83	285687	47.64	ug/l	98
31) Cyclohexane	7.985	56	180848	38.41	ug/l	89
32) 1,1,1-Trichloroethane	7.903	97	244550	44.65	ug/l	97
36) 1,1-Dichloropropene	8.114	75	196545	43.43	ug/l	95
37) Ethyl Acetate	7.291	43	73233	42.93	ug/l	95
38) Carbon Tetrachloride	8.097	117	215354	43.88	ug/l	95
39) Methylcyclohexane	9.356	83	224197	45.31	ug/l	97
40) Benzene	8.350	78	599958	47.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	45688m	46.19	ug/l	
42) 1,2-Dichloroethane	8.420	62	173557	44.34	ug/l	97
43) Isopropyl Acetate	8.450	43	135489	42.36	ug/l	93
44) Trichloroethene	9.109	130	162526	48.83	ug/l	98
45) 1,2-Dichloropropane	9.385	63	146503	47.52	ug/l	97
46) Dibromomethane	9.473	93	87416	49.33	ug/l	93
47) Bromodichloromethane	9.661	83	222955	47.86	ug/l	98
48) Methyl methacrylate	9.456	41	63661	40.37	ug/l #	83
49) 1,4-Dioxane	9.456	88	22069	1077.15	ug/l #	86
51) 4-Methyl-2-Pentanone	10.226	43	364472	222.59	ug/l	96
52) Toluene	10.403	92	393760	49.55	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	192041	47.43	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	223973	46.79	ug/l	92
55) 1,1,2-Trichloroethane	10.797	97	122943	52.25	ug/l #	92
56) Ethyl methacrylate	10.661	69	133753	47.34	ug/l	88
57) 1,3-Dichloropropane	10.944	76	196374	49.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	359582	263.90	ug/l	97
59) 2-Hexanone	10.985	43	246785	223.30	ug/l	94
60) Dibromochloromethane	11.138	129	157396	50.27	ug/l	100
61) 1,2-Dibromoethane	11.244	107	116168	50.86	ug/l	98
64) Tetrachloroethene	10.873	164	133125	47.71	ug/l	90
65) Chlorobenzene	11.667	112	431692	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	166896	49.92	ug/l	97
67) Ethyl Benzene	11.744	91	737159	47.06	ug/l	97
68) m/p-Xylenes	11.850	106	586124	99.52	ug/l	95
69) o-Xylene	12.179	106	267732	50.70	ug/l	98
70) Styrene	12.191	104	478271	51.29	ug/l	98
71) Bromoform	12.355	173	90074	52.56	ug/l #	99
73) Isopropylbenzene	12.473	105	712638	47.03	ug/l	99
74) N-amyl acetate	12.285	43	132531	41.65	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	136340	45.90	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	98671m	51.78	ug/l	
77) Bromobenzene	12.755	156	176264	50.25	ug/l	91
78) n-propylbenzene	12.814	91	856485	46.01	ug/l	99
79) 2-Chlorotoluene	12.902	91	475467	45.81	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	609074	47.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35967	41.07	ug/l	91
82) 4-Chlorotoluene	13.002	91	517432	46.56	ug/l	98
83) tert-Butylbenzene	13.220	119	509779	48.50	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	624919	48.49	ug/l	97
85) sec-Butylbenzene	13.397	105	707876	46.52	ug/l	98
86) p-Isopropyltoluene	13.508	119	664141	47.29	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	343689	48.82	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	334737	48.25	ug/l	98
89) n-Butylbenzene	13.838	91	591881	44.42	ug/l	99
90) Hexachloroethane	14.102	117	133283	46.17	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	298689	48.80	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21167	43.32	ug/l	89
93) 1,2,4-Trichlorobenzene	15.155	180	182247	50.19	ug/l	97
94) Hexachlorobutadiene	15.261	225	106312	50.56	ug/l	98
95) Naphthalene	15.391	128	343838	46.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	163758	52.22	ug/l	98

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

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