

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067301.D
 Acq On : 16 Oct 2020 17:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:09:32 AM

Quant Time: Oct 17 01:14:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	325593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	493238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	459572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	163288	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.91	113	167224	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.34	98	603666	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.64	95	215745	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	118715	44.985	ug/l	98
3) Chloromethane	2.20	50	85976	41.958	ug/l	96
4) Vinyl Chloride	2.34	62	96562	42.948	ug/l	95
5) Bromomethane	2.77	94	73184	46.617	ug/l	99
6) Chloroethane	2.92	64	60388	43.128	ug/l	94
7) Trichlorofluoromethane	3.27	101	251454	44.415	ug/l	99
8) Diethyl Ether	3.70	74	59216	45.709	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	136398	45.347	ug/l	99
10) Methyl Iodide	4.30	142	117517	42.353	ug/l	96
11) Tert butyl alcohol	5.21	59	40303	234.892	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	124492	46.328	ug/l	85
13) Acrolein	3.92	56	34591	183.721	ug/l	99
14) Allyl chloride	4.71	41	136317	44.297	ug/l	97
15) Acrylonitrile	5.43	53	105862	244.898	ug/l	98
16) Acetone	4.16	43	106429	232.969	ug/l	95
17) Carbon Disulfide	4.41	76	330808	43.183	ug/l	97
18) Methyl Acetate	4.71	43	49105	47.126	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	263050	49.231	ug/l	97
20) Methylene Chloride	4.97	84	139541	47.457	ug/l #	89
21) trans-1,2-Dichloroethene	5.47	96	145902	47.182	ug/l	97
22) Diisopropyl ether	6.37	45	272896	48.545	ug/l	93
23) Vinyl Acetate	6.31	43	823373	257.448	ug/l	99
24) 1,1-Dichloroethane	6.26	63	223895	46.528	ug/l	98
25) 2-Butanone	7.21	43	129483	248.648	ug/l	93
26) 2,2-Dichloropropane	7.21	77	229031	46.176	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	159488	47.059	ug/l	98
28) Bromochloromethane	7.55	49	82531	50.283	ug/l	100
29) Tetrahydrofuran	7.56	42	72955	252.027	ug/l	96
30) Chloroform	7.71	83	272448	47.394	ug/l	91
31) Cyclohexane	7.98	56	163616	43.549	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	262658	46.569	ug/l	97
36) 1,1-Dichloropropene	8.11	75	192208	45.977	ug/l	99
37) Ethyl Acetate	7.30	43	60236	48.973	ug/l #	91
38) Carbon Tetrachloride	8.10	117	249645	46.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	206454	47.239	ug/l	97
40) Benzene	8.36	78	538771	46.977	ug/l	99
41) Methacrylonitrile	7.53	41	29005	43.638	ug/l	99
42) 1,2-Dichloroethane	8.43	62	172881	48.168	ug/l	100
43) Isopropyl Acetate	8.46	43	117691	48.222	ug/l	99
44) Trichloroethene	9.11	130	172405	46.951	ug/l	99
45) 1,2-Dichloropropane	9.39	63	125507	47.219	ug/l	97
46) Dibromomethane	9.48	93	80147	48.396	ug/l	92
47) Bromodichloromethane	9.66	83	209720	47.267	ug/l	95
48) Methyl methacrylate	9.46	41	57206	48.232	ug/l	96
49) 1,4-Dioxane	9.47	88	15524	967.683	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	301330	247.540	ug/l	100
52) Toluene	10.41	92	380882	48.760	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	188450	48.350	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	223274	48.948	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	108683	48.127	ug/l	98
56) Ethyl methacrylate	10.67	69	119991	51.233	ug/l	98
57) 1,3-Dichloropropane	10.95	76	176036	48.982	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	305223	254.040	ug/l	96
59) 2-Hexanone	10.99	43	209942	252.389	ug/l	98
60) Dibromochloromethane	11.14	129	158744	48.201	ug/l	99
61) 1,2-Dibromoethane	11.25	107	106528	47.849	ug/l	98
64) Tetrachloroethene	10.88	164	152719	45.865	ug/l	94
65) Chlorobenzene	11.67	112	419967	47.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	168531	48.116	ug/l	99
67) Ethyl Benzene	11.75	91	724632	47.967	ug/l	100
68) m/p-Xylenes	11.86	106	555502	95.490	ug/l	99
69) o-Xylene	12.18	106	258549	47.995	ug/l	96
70) Styrene	12.20	104	450172	48.545	ug/l	99
71) Bromoform	12.37	173	89439	47.531	ug/l #	99
73) Isopropylbenzene	12.48	105	732231	49.284	ug/l	99
74) N-amyl acetate	12.29	43	109915	48.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	108108	47.489	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	81357m	50.143	ug/l	
77) Bromobenzene	12.77	156	174529	47.118	ug/l	99
78) n-propylbenzene	12.83	91	831477	48.302	ug/l	100
79) 2-Chlorotoluene	12.91	91	477286	47.811	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	627998	48.641	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	35018	48.943	ug/l	92
82) 4-Chlorotoluene	13.01	91	503744	47.544	ug/l	100
83) tert-Butylbenzene	13.23	119	539013	49.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	622726	48.800	ug/l	100
85) sec-Butylbenzene	13.41	105	712068	47.583	ug/l	100
86) p-Isopropyltoluene	13.52	119	679688	48.120	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	337281	47.308	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	334920	47.415	ug/l	99
89) n-Butylbenzene	13.85	91	600798	48.349	ug/l	100
90) Hexachloroethane	14.12	117	114768	46.562	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	292150	46.907	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19280	46.618	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	208547	49.663	ug/l	97
94) Hexachlorobutadiene	15.27	225	127037	48.716	ug/l	98
95) Naphthalene	15.41	128	351923	51.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181751	50.100	ug/l	98

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

