

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067007.D
 Acq On : 01 Oct 2020 22:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:36 PM

Quant Time: Oct 02 01:30:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	694355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216599	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.91	113	236865	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.34	98	866089	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.63	95	287956	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	174073	51.005	ug/l	99
3) Chloromethane	2.21	50	161223	47.660	ug/l	95
4) Vinyl Chloride	2.35	62	162921	48.032	ug/l	97
5) Bromomethane	2.77	94	128117	59.415	ug/l	99
6) Chloroethane	2.93	64	101500	49.137	ug/l	98
7) Trichlorofluoromethane	3.27	101	354368	47.024	ug/l	99
8) Diethyl Ether	3.71	74	100632	53.850	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205090	48.150	ug/l	99
10) Methyl Iodide	4.30	142	227184	54.893	ug/l	98
11) Tert butyl alcohol	5.22	59	60950	255.205	ug/l	99
12) 1,1-Dichloroethene	4.07	96	194475	48.568	ug/l	98
13) Acrolein	3.92	56	61085	222.975	ug/l	99
14) Allyl chloride	4.71	41	272191	52.327	ug/l	99
15) Acrylonitrile	5.42	53	180023	261.744	ug/l	97
16) Acetone	4.16	43	147108	235.544	ug/l	98
17) Carbon Disulfide	4.41	76	606351	49.343	ug/l	99
18) Methyl Acetate	4.72	43	89944	57.300	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	393979	53.898	ug/l	97
20) Methylene Chloride	4.97	84	271508	63.179	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	234033	51.358	ug/l	98
22) Diisopropyl ether	6.36	45	520545	54.814	ug/l	98
23) Vinyl Acetate	6.30	43	1477685	274.593	ug/l	97
24) 1,1-Dichloroethane	6.27	63	376184	51.329	ug/l	98
25) 2-Butanone	7.21	43	226510	255.810	ug/l	99
26) 2,2-Dichloropropane	7.21	77	308048	49.078	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	257774	52.966	ug/l	98
28) Bromochloromethane	7.55	49	156434	55.270	ug/l	99
29) Tetrahydrofuran	7.56	42	134808	264.780	ug/l	98
30) Chloroform	7.71	83	414069	52.082	ug/l	99
31) Cyclohexane	7.98	56	280835	45.706	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	374229	50.790	ug/l	97
36) 1,1-Dichloropropene	8.11	75	309494	47.819	ug/l	99
37) Ethyl Acetate	7.29	43	107744	48.054	ug/l	97
38) Carbon Tetrachloride	8.10	117	333324	47.599	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	327792	47.904	ug/l	99
40) Benzene	8.35	78	893503	49.703	ug/l	99
41) Methacrylonitrile	7.53	41	62339	51.465	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	245178	48.808	ug/l	99
43) Isopropyl Acetate	8.45	43	203048	49.158	ug/l	97
44) Trichloroethene	9.11	130	262673	48.933	ug/l	97
45) 1,2-Dichloropropane	9.38	63	219153	51.885	ug/l	97
46) Dibromomethane	9.47	93	124123	51.129	ug/l	98
47) Bromodichloromethane	9.66	83	319391	50.612	ug/l #	94
48) Methyl methacrylate	9.45	41	99683	47.107	ug/l #	84
49) 1,4-Dioxane	9.46	88	23242	917.312	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	522805	254.111	ug/l	100
52) Toluene	10.40	92	588681	50.835	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	283939	50.344	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	346186	50.266	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	164718	48.803	ug/l	92
56) Ethyl methacrylate	10.66	69	188713	54.155	ug/l	100
57) 1,3-Dichloropropane	10.94	76	285061	52.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	535316	276.005	ug/l	98
59) 2-Hexanone	10.98	43	352490	256.695	ug/l	98
60) Dibromochloromethane	11.14	129	226027	50.244	ug/l	95
61) 1,2-Dibromoethane	11.24	107	164984	50.880	ug/l	99
64) Tetrachloroethene	10.87	164	222494	47.722	ug/l	95
65) Chlorobenzene	11.67	112	625025	49.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	243862	50.263	ug/l	99
67) Ethyl Benzene	11.74	91	1103618	50.500	ug/l	100
68) m/p-Xylenes	11.86	106	857732	100.710	ug/l	100
69) o-Xylene	12.18	106	395554	51.936	ug/l	96
70) Styrene	12.20	104	692538	52.954	ug/l	99
71) Bromoform	12.36	173	125418	49.800	ug/l #	98
73) Isopropylbenzene	12.48	105	1061901	51.976	ug/l	100
74) N-amyl acetate	12.29	43	186980	50.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	172938	50.239	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	117068m	44.668	ug/l	
77) Bromobenzene	12.76	156	259351	52.572	ug/l	96
78) n-propylbenzene	12.82	91	1225294	50.746	ug/l	99
79) 2-Chlorotoluene	12.91	91	702010	50.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	902134	52.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51852	49.325	ug/l	99
82) 4-Chlorotoluene	13.01	91	732106	49.809	ug/l	100
83) tert-Butylbenzene	13.23	119	775217	53.331	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	899685	52.227	ug/l	99
85) sec-Butylbenzene	13.40	105	1041102	50.859	ug/l	100
86) p-Isopropyltoluene	13.52	119	955449	50.345	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	472889	49.213	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	461310	48.013	ug/l	99
89) n-Butylbenzene	13.85	91	839028	48.375	ug/l	99
90) Hexachloroethane	14.11	117	167606	50.418	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	415874	49.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27300	49.199	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	273496	50.384	ug/l	98
94) Hexachlorobutadiene	15.27	225	159426	47.823	ug/l	99
95) Naphthalene	15.41	128	478866	52.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	238282	50.567	ug/l	96

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

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