

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067120.D
 Acq On : 06 Oct 2020 21:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:08 PM

Quant Time: Oct 07 02:01:23 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	361381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	568053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175367	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.91	113	190147	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.34	98	668073	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.63	95	230081	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	156023	54.030	ug/l	94
3) Chloromethane	2.21	50	119974	41.687	ug/l	98
4) Vinyl Chloride	2.35	62	128742	44.613	ug/l	99
5) Bromomethane	2.77	94	99296	53.704	ug/l	98
6) Chloroethane	2.92	64	83876	47.727	ug/l	93
7) Trichlorofluoromethane	3.27	101	301790	47.071	ug/l	90
8) Diethyl Ether	3.71	74	77862	48.973	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	168085	46.383	ug/l	99
10) Methyl Iodide	4.30	142	187386	53.218	ug/l	98
11) Tert butyl alcohol	5.23	59	45121	214.233	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	159729	46.888	ug/l	97
13) Acrolein	3.92	56	48658	208.767	ug/l	99
14) Allyl chloride	4.71	41	198901	44.944	ug/l	95
15) Acrylonitrile	5.41	53	141413	241.670	ug/l	99
16) Acetone	4.15	43	116396	219.058	ug/l	98
17) Carbon Disulfide	4.41	76	474436	45.380	ug/l	97
18) Methyl Acetate	4.71	43	63775	47.755	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	323144	51.962	ug/l	94
20) Methylene Chloride	4.96	84	192236	51.150	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	188070	48.510	ug/l	96
22) Diisopropyl ether	6.37	45	382955	47.399	ug/l #	95
23) Vinyl Acetate	6.31	43	1119452	244.511	ug/l	98
24) 1,1-Dichloroethane	6.27	63	295039	47.318	ug/l	98
25) 2-Butanone	7.21	43	169479	224.974	ug/l	99
26) 2,2-Dichloropropane	7.21	77	261741	49.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	206929	49.977	ug/l	97
28) Bromochloromethane	7.55	49	112720	46.811	ug/l	90
29) Tetrahydrofuran	7.56	42	99823	230.455	ug/l	92
30) Chloroform	7.71	83	337917	49.958	ug/l	98
31) Cyclohexane	7.98	56	214020	40.942	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	310864	49.591	ug/l	99
36) 1,1-Dichloropropene	8.11	75	242981	45.890	ug/l	98
37) Ethyl Acetate	7.29	43	82579	45.020	ug/l	97
38) Carbon Tetrachloride	8.10	117	286202	49.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	265876	47.495	ug/l	92
40) Benzene	8.35	78	716163	48.696	ug/l	99
41) Methacrylonitrile	7.52	41	46726	47.152	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	205494	50.004	ug/l	98
43) Isopropyl Acetate	8.45	43	156815	46.406	ug/l	97
44) Trichloroethene	9.11	130	218758	49.813	ug/l	97
45) 1,2-Dichloropropane	9.38	63	169915	49.172	ug/l	93
46) Dibromomethane	9.47	93	100526	50.615	ug/l	96
47) Bromodichloromethane	9.66	83	268183	51.946	ug/l	95
48) Methyl methacrylate	9.46	41	77177	44.580	ug/l #	74
49) 1,4-Dioxane	9.46	88	19531	942.238	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	402730	239.271	ug/l	99
52) Toluene	10.40	92	480653	50.735	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	234945	50.919	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	278563	49.441	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	140680	50.948	ug/l	93
56) Ethyl methacrylate	10.66	69	154062	54.041	ug/l	98
57) 1,3-Dichloropropane	10.94	76	227648	50.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	413952	260.885	ug/l	96
59) 2-Hexanone	10.98	43	271014	241.243	ug/l	95
60) Dibromochloromethane	11.14	129	197830	53.754	ug/l	99
61) 1,2-Dibromoethane	11.24	107	138972	52.387	ug/l	99
64) Tetrachloroethene	10.87	164	185071	48.619	ug/l	97
65) Chlorobenzene	11.67	112	522724	50.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	204775	51.695	ug/l	98
67) Ethyl Benzene	11.74	91	913354	51.189	ug/l	98
68) m/p-Xylenes	11.86	106	700223	100.699	ug/l	98
69) o-Xylene	12.18	106	320169	51.488	ug/l	93
70) Styrene	12.20	104	566654	53.069	ug/l	98
71) Bromoform	12.36	173	112268	54.599	ug/l #	98
73) Isopropylbenzene	12.48	105	892053	50.285	ug/l	100
74) N-amyl acetate	12.29	43	147682	46.309	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	140094	46.871	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	91610m	40.256	ug/l	
77) Bromobenzene	12.76	156	218947	51.114	ug/l	94
78) n-propylbenzene	12.82	91	1030674	49.160	ug/l	100
79) 2-Chlorotoluene	12.91	91	594093	49.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	768186	51.253	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	44270	48.501	ug/l	97
82) 4-Chlorotoluene	13.01	91	626276	49.072	ug/l	99
83) tert-Butylbenzene	13.23	119	641150	50.798	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	764319	51.099	ug/l	98
85) sec-Butylbenzene	13.40	105	886638	49.883	ug/l	99
86) p-Isopropyltoluene	13.52	119	830226	50.382	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	408778	48.993	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	404786	48.520	ug/l	98
89) n-Butylbenzene	13.85	91	730134	48.481	ug/l	99
90) Hexachloroethane	14.11	117	141522	49.029	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	359820	49.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23349	48.461	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	248021	52.622	ug/l	98
94) Hexachlorobutadiene	15.28	225	148648	51.353	ug/l	97
95) Naphthalene	15.41	128	432895	55.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	212862	52.024	ug/l	98

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

