

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067051.D
 Acq On : 02 Oct 2020 23:16
 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
 10/5/2020 5:34:34 PM

Quant Time: Oct 03 05:43:23 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	440330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	700152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	646987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	227340	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.91	113	249716	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	10.34	98	907857	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.63	95	313602	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	177245	50.001	ug/l	97
3) Chloromethane	2.20	50	157106	44.802	ug/l	96
4) Vinyl Chloride	2.34	62	151849	43.186	ug/l	97
5) Bromomethane	2.77	94	115072	50.846	ug/l	96
6) Chloroethane	2.92	64	97201	45.393	ug/l	93
7) Trichlorofluoromethane	3.27	101	343905	44.023	ug/l	95
8) Diethyl Ether	3.71	74	101376	52.331	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	204348	46.280	ug/l	99
10) Methyl Iodide	4.30	142	215639	50.261	ug/l	99
11) Tert butyl alcohol	5.22	59	61373	246.166	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	191547	46.146	ug/l	98
13) Acrolein	3.92	56	62937	221.615	ug/l	99
14) Allyl chloride	4.71	41	264923	49.129	ug/l	98
15) Acrylonitrile	5.42	53	186804	262.003	ug/l	98
16) Acetone	4.16	43	157814	243.755	ug/l	99
17) Carbon Disulfide	4.41	76	591083	46.400	ug/l	99
18) Methyl Acetate	4.72	43	91621	56.306	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	405824	53.557	ug/l	100
20) Methylene Chloride	4.97	84	238703	52.289	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	230675	48.832	ug/l	97
22) Diisopropyl ether	6.36	45	509776	51.783	ug/l	98
23) Vinyl Acetate	6.31	43	1501804	269.212	ug/l	98
24) 1,1-Dichloroethane	6.27	63	372157	48.984	ug/l	100
25) 2-Butanone	7.21	43	234383	255.346	ug/l	94
26) 2,2-Dichloropropane	7.21	77	300883	45.983	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	256553	50.852	ug/l	97
28) Bromochloromethane	7.54	49	150882	51.425	ug/l	98
29) Tetrahydrofuran	7.56	42	141407	267.925	ug/l	97
30) Chloroform	7.71	83	409385	49.673	ug/l	97
31) Cyclohexane	7.98	56	276126	43.352	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	367430	48.105	ug/l	97
36) 1,1-Dichloropropene	8.11	75	300035	45.974	ug/l	98
37) Ethyl Acetate	7.29	43	112289	49.667	ug/l	96
38) Carbon Tetrachloride	8.10	117	328743	46.556	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	318230	46.122	ug/l	97
40) Benzene	8.35	78	875340	48.290	ug/l	95
41) Methacrylonitrile	7.52	41	66056	54.082	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	245510	48.470	ug/l	98
43) Isopropyl Acetate	8.45	43	214151	51.417	ug/l	99
44) Trichloroethene	9.11	130	259682	47.975	ug/l	98
45) 1,2-Dichloropropane	9.38	63	216357	50.799	ug/l	99
46) Dibromomethane	9.47	93	125099	51.104	ug/l	99
47) Bromodichloromethane	9.66	83	321755	50.564	ug/l	98
48) Methyl methacrylate	9.46	41	102663	48.113	ug/l #	80
49) 1,4-Dioxane	9.46	88	27134	1062.054	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	560312	270.086	ug/l	100
52) Toluene	10.40	92	591400	50.647	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	282457	49.667	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	342705	49.349	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	178757	52.524	ug/l	98
56) Ethyl methacrylate	10.66	69	197473	56.200	ug/l	97
57) 1,3-Dichloropropane	10.94	76	285748	51.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	553009	282.767	ug/l	99
59) 2-Hexanone	10.98	43	374073	270.157	ug/l	96
60) Dibromochloromethane	11.14	129	229500	50.594	ug/l	95
61) 1,2-Dibromoethane	11.24	107	172791	52.846	ug/l	99
64) Tetrachloroethene	10.87	164	219021	46.565	ug/l	95
65) Chlorobenzene	11.67	112	633312	49.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	243529	49.754	ug/l	100
67) Ethyl Benzene	11.74	91	1100137	49.898	ug/l	98
68) m/p-Xylenes	11.86	106	847020	98.579	ug/l	99
69) o-Xylene	12.18	106	393403	51.200	ug/l	97
70) Styrene	12.20	104	684891	51.909	ug/l	99
71) Bromoform	12.36	173	131733	51.848	ug/l #	96
73) Isopropylbenzene	12.48	105	1060092	50.118	ug/l	100
74) N-amyl acetate	12.29	43	198077	52.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	179194	50.282	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	139482m	51.406	ug/l	
77) Bromobenzene	12.76	156	257076	50.334	ug/l	99
78) n-propylbenzene	12.82	91	1233040	49.326	ug/l	99
79) 2-Chlorotoluene	12.91	91	718417	50.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	906692	50.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	54024	49.640	ug/l	98
82) 4-Chlorotoluene	13.01	91	745451	48.988	ug/l	100
83) tert-Butylbenzene	13.23	119	750629	49.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	907840	50.904	ug/l	99
85) sec-Butylbenzene	13.40	105	1039211	49.036	ug/l	100
86) p-Isopropyltoluene	13.52	119	978147	49.784	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	490943	49.350	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	483930	48.650	ug/l	98
89) n-Butylbenzene	13.85	91	872664	48.599	ug/l	99
90) Hexachloroethane	14.11	117	169710	49.310	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	435578	50.134	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28770	50.081	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	287383	51.138	ug/l	98
94) Hexachlorobutadiene	15.27	225	164533	47.672	ug/l	99
95) Naphthalene	15.41	128	528206	56.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	256916	52.663	ug/l	97

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

