

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067025.D
 Acq On : 02 Oct 2020 07:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:47 PM

Quant Time: Oct 02 07:46:12 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	410620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	687482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	645987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221369	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	231353	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.34	98	843100	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	290592	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	157328	47.329	ug/l	97
3) Chloromethane	2.20	50	155681	47.607	ug/l	99
4) Vinyl Chloride	2.35	62	147773	45.068	ug/l	97
5) Bromomethane	2.76	94	111807	53.176	ug/l	91
6) Chloroethane	2.92	64	92530	46.338	ug/l	99
7) Trichlorofluoromethane	3.27	101	313298	43.006	ug/l	96
8) Diethyl Ether	3.71	74	100347	55.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	178465	43.342	ug/l	99
10) Methyl Iodide	4.30	142	179211	44.793	ug/l	98
11) Tert butyl alcohol	5.22	59	56433	241.887	ug/l	100
12) 1,1-Dichloroethene	4.06	96	181350	46.851	ug/l	94
13) Acrolein	3.92	56	58106	219.408	ug/l	100
14) Allyl chloride	4.71	41	250463	49.808	ug/l	99
15) Acrylonitrile	5.43	53	183605	276.149	ug/l	98
16) Acetone	4.16	43	145193	240.488	ug/l	95
17) Carbon Disulfide	4.40	76	575191	48.420	ug/l	100
18) Methyl Acetate	4.72	43	87726	57.813	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	395449	55.963	ug/l	100
20) Methylene Chloride	4.96	84	259483	62.364	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	224648	50.997	ug/l	99
22) Diisopropyl ether	6.36	45	493416	53.747	ug/l	99
23) Vinyl Acetate	6.31	43	1448652	278.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	365617	51.605	ug/l	98
25) 2-Butanone	7.21	43	225068	262.939	ug/l	99
26) 2,2-Dichloropropane	7.21	77	266447	43.440	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	245731	52.231	ug/l	98
28) Bromochloromethane	7.54	49	159968	58.466	ug/l	99
29) Tetrahydrofuran	7.56	42	140439	285.343	ug/l	96
30) Chloroform	7.71	83	401113	52.190	ug/l	97
31) Cyclohexane	7.98	56	243757	41.039	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	342581	48.097	ug/l	100
36) 1,1-Dichloropropene	8.11	75	280193	43.725	ug/l	99
37) Ethyl Acetate	7.29	43	111664	50.300	ug/l	99
38) Carbon Tetrachloride	8.09	117	308741	44.529	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	282398	41.683	ug/l	98
40) Benzene	8.35	78	857626	48.184	ug/l	100
41) Methacrylonitrile	7.53	41	73758m	61.500	ug/l	
42) 1,2-Dichloroethane	8.42	62	247029	49.669	ug/l	97
43) Isopropyl Acetate	8.45	43	206917	50.596	ug/l	99
44) Trichloroethene	9.11	130	245896	46.265	ug/l	100
45) 1,2-Dichloropropane	9.38	63	207205	49.546	ug/l	98
46) Dibromomethane	9.47	93	123926	51.558	ug/l	98
47) Bromodichloromethane	9.66	83	317875	50.875	ug/l	98
48) Methyl methacrylate	9.46	41	100557	47.995	ug/l #	82
49) 1,4-Dioxane	9.46	88	26444	1054.122	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	535847	263.054	ug/l	100
52) Toluene	10.40	92	564174	49.206	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	272315	48.766	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	326894	47.940	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	166883	49.938	ug/l	97
56) Ethyl methacrylate	10.66	69	189425	54.903	ug/l	99
57) 1,3-Dichloropropane	10.94	76	277297	51.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	539656	281.024	ug/l	100
59) 2-Hexanone	10.98	43	359771	264.616	ug/l	99
60) Dibromochloromethane	11.14	129	224705	50.450	ug/l	95
61) 1,2-Dibromoethane	11.24	107	166709	51.926	ug/l	98
64) Tetrachloroethene	10.87	164	214981	45.776	ug/l	96
65) Chlorobenzene	11.67	112	608735	47.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	238118	48.723	ug/l	99
67) Ethyl Benzene	11.74	91	1043310	47.394	ug/l	100
68) m/p-Xylenes	11.85	106	810161	94.435	ug/l	99
69) o-Xylene	12.18	106	381526	49.731	ug/l	98
70) Styrene	12.20	104	658210	49.964	ug/l	99
71) Bromoform	12.36	173	126366	49.812	ug/l #	97
73) Isopropylbenzene	12.48	105	998678	47.208	ug/l	100
74) N-amyl acetate	12.29	43	191410	50.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	173899	48.789	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	129829m	47.842	ug/l	
77) Bromobenzene	12.76	156	253375	49.602	ug/l	96
78) n-propylbenzene	12.82	91	1162601	46.501	ug/l	100
79) 2-Chlorotoluene	12.91	91	678411	47.427	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	855319	47.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	46600	42.812	ug/l	99
82) 4-Chlorotoluene	13.01	91	700690	46.040	ug/l	99
83) tert-Butylbenzene	13.23	119	705982	46.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	851631	47.745	ug/l	99
85) sec-Butylbenzene	13.40	105	958753	45.233	ug/l	99
86) p-Isopropyltoluene	13.52	119	897250	45.660	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	465384	46.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	460777	46.316	ug/l	99
89) n-Butylbenzene	13.85	91	773932	43.094	ug/l	100
90) Hexachloroethane	14.11	117	156286	45.403	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	412940	47.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28240	49.151	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	269835	48.008	ug/l	97
94) Hexachlorobutadiene	15.28	225	144215	41.779	ug/l	98
95) Naphthalene	15.41	128	503136	53.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	246486	50.518	ug/l	99

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

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