

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064829.D
 Acq On : 09 Jan 2020 21:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/10/2020 10:42:25 AM

Quant Time: Jan 10 06:13:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	361465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	541761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	491058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	196852	61.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.52%	
35) Dibromofluoromethane	7.92	113	191656	57.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.32%	
50) Toluene-d8	10.34	98	713957	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.64	95	230120	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	133509	47.527	ug/l	99
3) Chloromethane	2.21	50	206481	52.557	ug/l	99
4) Vinyl Chloride	2.35	62	245733	51.299	ug/l	98
5) Bromomethane	2.77	94	173684	49.867	ug/l	98
6) Chloroethane	2.92	64	174842	54.473	ug/l	97
7) Trichlorofluoromethane	3.27	101	412207	51.107	ug/l	95
8) Diethyl Ether	3.71	74	91787	57.308	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	180481	54.032	ug/l	97
10) Methyl Iodide	4.29	142	200791	55.962	ug/l	100
11) Tert butyl alcohol	5.26	59	54620	299.011	ug/l	99
12) 1,1-Dichloroethene	4.06	96	162240	51.017	ug/l	97
13) Acrolein	3.93	56	59538	233.871	ug/l	100
14) Allyl chloride	4.71	41	281119	56.698	ug/l	99
15) Acrylonitrile	5.43	53	207918	311.656	ug/l	98
16) Acetone	4.16	43	212965	328.784	ug/l	91
17) Carbon Disulfide	4.40	76	497946	48.425	ug/l	99
18) Methyl Acetate	4.73	43	109428	60.981	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	440091	62.305	ug/l	97
20) Methylene Chloride	4.97	84	203263	63.693	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	197889	54.640	ug/l	97
22) Diisopropyl ether	6.37	45	614731	62.160	ug/l	99
23) Vinyl Acetate	6.31	43	1756981	313.189	ug/l	100
24) 1,1-Dichloroethane	6.27	63	353186	59.489	ug/l	98
25) 2-Butanone	7.22	43	277245	316.444	ug/l	99
26) 2,2-Dichloropropane	7.21	77	299340	54.228	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	224415	57.415	ug/l	97
28) Bromochloromethane	7.54	49	144819	62.749	ug/l	98
29) Tetrahydrofuran	7.57	42	171834	315.383	ug/l	99
30) Chloroform	7.71	83	377531	60.609	ug/l	98
31) Cyclohexane	7.98	56	295474	49.718	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	331205	56.610	ug/l	100
36) 1,1-Dichloropropene	8.11	75	280803	53.851	ug/l	99
37) Ethyl Acetate	7.30	43	123638	60.356	ug/l	99
38) Carbon Tetrachloride	8.10	117	306397	55.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	313815	49.689	ug/l	95
40) Benzene	8.36	78	808466	56.795	ug/l	96
41) Methacrylonitrile	7.54	41	71595	60.238	ug/l	94
42) 1,2-Dichloroethane	8.43	62	245754	59.743	ug/l	98
43) Isopropyl Acetate	8.46	43	241859	59.317	ug/l	100
44) Trichloroethene	9.11	130	224592	53.708	ug/l	99
45) 1,2-Dichloropropane	9.39	63	204469	60.160	ug/l	95
46) Dibromomethane	9.48	93	112787	59.521	ug/l	98
47) Bromodichloromethane	9.67	83	298129	59.125	ug/l	97
48) Methyl methacrylate	9.46	41	112491	58.594	ug/l	89
49) 1,4-Dioxane	9.47	88	26399	1208.207	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	631554	313.371	ug/l	99
52) Toluene	10.40	92	523525	56.057	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	281759	59.935	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	327041	58.999	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	148587	58.184	ug/l	96
56) Ethyl methacrylate	10.67	69	193607	60.705	ug/l	98
57) 1,3-Dichloropropane	10.95	76	263465	59.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	332186	273.384	ug/l	99
59) 2-Hexanone	10.99	43	434414	317.586	ug/l	98
60) Dibromochloromethane	11.14	129	207160	58.661	ug/l	99
61) 1,2-Dibromoethane	11.25	107	147550	58.580	ug/l	99
64) Tetrachloroethene	10.88	164	209204	55.531	ug/l	98
65) Chlorobenzene	11.67	112	568725	55.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	224505	58.432	ug/l	98
67) Ethyl Benzene	11.75	91	1018621	55.064	ug/l	99
68) m/p-Xylenes	11.86	106	797397	111.678	ug/l	99
69) o-Xylene	12.18	106	363616	56.380	ug/l	100
70) Styrene	12.20	104	653617	57.738	ug/l	99
71) Bromoform	12.37	173	127225	58.065	ug/l #	100
73) Isopropylbenzene	12.48	105	959730	54.233	ug/l	100
74) N-amyl acetate	12.30	43	225296	59.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	163472	58.804	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	98599m	50.422	ug/l	
77) Bromobenzene	12.77	156	240267	55.255	ug/l	98
78) n-propylbenzene	12.83	91	1125623	54.522	ug/l	99
79) 2-Chlorotoluene	12.91	91	622457	54.884	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	793300	54.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	54714	58.519	ug/l	96
82) 4-Chlorotoluene	13.01	91	669903	55.505	ug/l	99
83) tert-Butylbenzene	13.23	119	686509	54.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	808917	55.873	ug/l	97
85) sec-Butylbenzene	13.41	105	936108	54.099	ug/l	99
86) p-Isopropyltoluene	13.52	119	902356	54.538	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	464515	56.038	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	452582	55.578	ug/l	99
89) n-Butylbenzene	13.85	91	802871	53.885	ug/l	99
90) Hexachloroethane	14.12	117	169105	53.505	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	399054	56.457	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25786	57.218	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	273444	52.540	ug/l	99
94) Hexachlorobutadiene	15.27	225	162602	49.649	ug/l	98
95) Naphthalene	15.41	128	468598	56.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	241188	54.284	ug/l	100

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

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