

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063865.D
 Acq On : 02 Oct 2019 17:44
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:55:24 PM

Quant Time: Oct 03 03:44:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	204569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	331550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	330483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	99331	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.91	113	99577	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.34	98	406134	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.63	95	143824	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64371	45.082	ug/l	100
3) Chloromethane	2.21	50	205375	47.574	ug/l	100
4) Vinyl Chloride	2.34	62	224850	50.909	ug/l	100
5) Bromomethane	2.76	94	143047	54.781	ug/l	100
6) Chloroethane	2.92	64	145431	47.948	ug/l	100
7) Trichlorofluoromethane	3.27	101	294818	49.946	ug/l	100
8) Diethyl Ether	3.71	74	48600	49.758	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	79327	45.979	ug/l	100
10) Methyl Iodide	4.29	142	117040	55.717	ug/l	100
11) Tert butyl alcohol	5.26	59	34318	225.299	ug/l	100
12) 1,1-Dichloroethene	4.06	96	80435	46.018	ug/l	100
13) Acrolein	3.93	56	44888	245.243	ug/l	100
14) Allyl chloride	4.71	41	136794	48.990	ug/l	100
15) Acrylonitrile	5.43	53	107375	252.129	ug/l	100
16) Acetone	4.17	43	142096	308.795	ug/l	100
17) Carbon Disulfide	4.39	76	297511	49.931	ug/l	100
18) Methyl Acetate	4.72	43	47892	44.760	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	215627	49.004	ug/l	100
20) Methylene Chloride	4.96	84	112296	42.790	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	101922	49.661	ug/l	100
22) Diisopropyl ether	6.37	45	284649	49.692	ug/l	100
23) Vinyl Acetate	6.31	43	860257	252.471	ug/l	100
24) 1,1-Dichloroethane	6.26	63	177269	50.688	ug/l	100
25) 2-Butanone	7.23	43	158924	272.013	ug/l	100
26) 2,2-Dichloropropane	7.21	77	154319	47.706	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	115942	50.604	ug/l	100
28) Bromochloromethane	7.55	49	68286	50.772	ug/l	100
29) Tetrahydrofuran	7.57	42	83818	245.525	ug/l	100
30) Chloroform	7.71	83	185452	49.073	ug/l	100
31) Cyclohexane	7.99	56	152766	44.501	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	161395	47.363	ug/l	100
36) 1,1-Dichloropropene	8.11	75	142505	47.526	ug/l	100
37) Ethyl Acetate	7.30	43	62649	48.949	ug/l	100
38) Carbon Tetrachloride	8.10	117	144712	46.691	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	177573	47.693	ug/l	100
40) Benzene	8.35	78	416356	50.081	ug/l	100
41) Methacrylonitrile	7.53	41	27707	38.283	ug/l	100
42) 1,2-Dichloroethane	8.43	62	121381	49.839	ug/l	100
43) Isopropyl Acetate	8.46	43	119033	47.136	ug/l	100
44) Trichloroethene	9.11	130	121605	50.412	ug/l	100
45) 1,2-Dichloropropane	9.39	63	101594	49.395	ug/l	100
46) Dibromomethane	9.47	93	59095	50.815	ug/l	100
47) Bromodichloromethane	9.66	83	149370	50.006	ug/l	100
48) Methyl methacrylate	9.46	41	54749	47.563	ug/l	100
49) 1,4-Dioxane	9.47	88	16664	1011.632	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	311911	243.534	ug/l	100
52) Toluene	10.40	92	287124	50.821	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	150701	50.863	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	168469	50.210	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	82436	50.350	ug/l	100
56) Ethyl methacrylate	10.66	69	105117	50.352	ug/l	100
57) 1,3-Dichloropropane	10.94	76	141803	50.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	228651	245.158	ug/l	100
59) 2-Hexanone	10.98	43	243756	262.437	ug/l	100
60) Dibromochloromethane	11.14	129	108822	50.308	ug/l	100
61) 1,2-Dibromoethane	11.24	107	83558	50.866	ug/l	100
64) Tetrachloroethene	10.87	164	106230	48.170	ug/l	100
65) Chlorobenzene	11.67	112	327549	49.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	118697	48.925	ug/l	100
67) Ethyl Benzene	11.74	91	577910	48.630	ug/l	100
68) m/p-Xylenes	11.86	106	455154	99.241	ug/l	100
69) o-Xylene	12.18	106	214096	49.595	ug/l	100
70) Styrene	12.19	104	376983	51.413	ug/l	100
71) Bromoform	12.36	173	67471	50.287	ug/l #	100
73) Isopropylbenzene	12.48	105	577607	47.365	ug/l	100
74) N-amyl acetate	12.29	43	121299	45.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	97392	47.720	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	59189m	43.533	ug/l	
77) Bromobenzene	12.76	156	144815	49.145	ug/l	100
78) n-propylbenzene	12.82	91	680367	47.381	ug/l	100
79) 2-Chlorotoluene	12.91	91	372913	48.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	487329	47.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	32232	47.233	ug/l	100
82) 4-Chlorotoluene	13.00	91	397360	47.975	ug/l	100
83) tert-Butylbenzene	13.22	119	430266	48.278	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	496975	48.167	ug/l	100
85) sec-Butylbenzene	13.40	105	585142	47.368	ug/l	100
86) p-Isopropyltoluene	13.51	119	553890	47.865	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	284609	49.287	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	278825	48.379	ug/l	100
89) n-Butylbenzene	13.84	91	508623	46.335	ug/l	100
90) Hexachloroethane	14.11	117	101003	47.207	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	249491	50.156	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17301	49.127	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	189818	50.390	ug/l	100
94) Hexachlorobutadiene	15.27	225	106025	49.736	ug/l	100
95) Naphthalene	15.40	128	335230	49.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.59	180	166401	49.792	ug/l	100

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

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