

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062550.D
 Acq On : 30 May 2019 13:00
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 31 01:28:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	864966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1091518	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	977195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	526966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	477040	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
35) Dibromofluoromethane	6.93	113	492940	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	10.42	98	1086427	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	13.56	95	500665	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	461197	44.751	ug/l	91
3) Chloromethane	1.74	50	535868	45.596	ug/l	96
4) Vinyl Chloride	1.85	62	385396	48.656	ug/l	94
5) Bromomethane	2.16	94	113960	46.882	ug/l	98
6) Chloroethane	2.26	64	192472	50.956	ug/l	100
7) Trichlorofluoromethane	2.53	101	802123	48.474	ug/l	96
8) Diethyl Ether	2.87	74	115093	54.133	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.15	101	468027	47.813	ug/l	94
10) Methyl Iodide	3.31	142	570964	53.414	ug/l	97
11) Tert butyl alcohol	4.07	59	110249	236.233	ug/l #	95
12) 1,1-Dichloroethene	3.13	96	334862	48.132	ug/l	99
13) Acrolein	3.03	56	40916	202.547	ug/l	95
14) Allyl chloride	3.62	41	560227	51.435	ug/l	95
15) Acrylonitrile	4.20	53	275598	262.167	ug/l	97
16) Acetone	3.23	43	555546	265.336	ug/l	94
17) Carbon Disulfide	3.38	76	1120849	50.700	ug/l	98
18) Methyl Acetate	3.64	43	151062	44.353	ug/l	93
19) Methyl tert-butyl Ether	4.24	73	830367	49.001	ug/l	99
20) Methylene Chloride	3.82	84	359702	49.019	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	401699	50.929	ug/l	88
22) Diisopropyl ether	5.13	45	1159016	52.860	ug/l	95
23) Vinyl Acetate	5.07	43	3554790	266.398	ug/l	99
24) 1,1-Dichloroethane	4.99	63	709976	49.565	ug/l	97
25) 2-Butanone	6.08	43	502070	260.932	ug/l	99
26) 2,2-Dichloropropane	6.03	77	784037	50.412	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	428561	52.748	ug/l	97
28) Bromochloromethane	6.45	49	228343	48.065	ug/l	98
29) Tetrahydrofuran	6.47	42	228706	258.535	ug/l	95
30) Chloroform	6.66	83	906606	52.600	ug/l	97
31) Cyclohexane	6.96	56	463861	48.881	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	894618	50.828	ug/l	98
36) 1,1-Dichloropropene	7.16	75	605137	54.665	ug/l	97
37) Ethyl Acetate	6.19	43	238393	48.226	ug/l	98
38) Carbon Tetrachloride	7.12	117	925900m	55.376	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	537389	57.947	ug/l	98
40) Benzene	7.46	78	1230101	56.568	ug/l	100
41) Methacrylonitrile	6.46	41	313444	56.568	ug/l	95
42) 1,2-Dichloroethane	7.59	62	674619	55.569	ug/l	99
43) Isopropyl Acetate	9.24	43	342011	58.352	ug/l #	99
44) Trichloroethene	8.54	130	478190	54.939	ug/l	93
45) 1,2-Dichloropropane	8.95	63	290141	54.319	ug/l	100
46) Dibromomethane	9.07	93	255871	57.430	ug/l	97
47) Bromodichloromethane	9.38	83	679018	54.865	ug/l	99
48) Methyl methacrylate	9.13	41	214329	53.219	ug/l	99
49) 1,4-Dioxane	9.10	88	36836	1126.702	ug/l #	84
51) 4-Methyl-2-Pentanone	10.31	43	1114984	268.908	ug/l	100
52) Toluene	10.51	92	794433	53.700	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	595702	56.304	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	591756	54.108	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	257310	52.306	ug/l	96
56) Ethyl methacrylate	11.05	69	317022	60.929	ug/l	93
57) 1,3-Dichloropropane	11.42	76	423229	56.803	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	728941	270.301	ug/l	96
59) 2-Hexanone	11.54	43	785929	271.291	ug/l	96
60) Dibromochloromethane	11.69	129	521750	54.672	ug/l	95
61) 1,2-Dibromoethane	11.81	107	334915	57.534	ug/l	94
64) Tetrachloroethene	11.27	164	432639	48.919	ug/l	93
65) Chlorobenzene	12.40	112	1002593	50.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	464173	50.265	ug/l	98
67) Ethyl Benzene	12.53	91	1699773	47.741	ug/l	97
68) m/p-Xylenes	12.68	106	1260380	104.239	ug/l	99
69) o-Xylene	13.05	106	569927	48.642	ug/l	92
70) Styrene	13.08	104	1033673	52.186	ug/l	98
71) Bromoform	13.24	173	332733	51.754	ug/l #	90
73) Isopropylbenzene	13.41	105	1783140	50.893	ug/l	98
74) N-amyl acetate	13.27	43	478126	53.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	300355	52.309	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	364722	54.815	ug/l	97
77) Bromobenzene	13.67	156	498784	50.855	ug/l	85
78) n-propylbenzene	13.78	91	2135785	52.309	ug/l	95
79) 2-Chlorotoluene	13.84	91	1270621	53.156	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	1642471	54.044	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	93259	51.809	ug/l	88
82) 4-Chlorotoluene	13.95	91	1497713	52.102	ug/l	91
83) tert-Butylbenzene	14.19	119	1686435	50.441	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1527745	50.279	ug/l	94
85) sec-Butylbenzene	14.37	105	1824622	51.173	ug/l	98
86) p-Isopropyltoluene	14.50	119	1648602	49.160	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	888162	51.875	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	870520	51.844	ug/l	96
89) n-Butylbenzene	14.81	91	1544931	50.629	ug/l	99
90) Hexachloroethane	15.01	117	465302	51.918	ug/l	84
91) 1,2-Dichlorobenzene	14.82	146	742740	50.923	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	64359	55.241	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	581529	51.630	ug/l	96
94) Hexachlorobutadiene	16.05	225	418471	50.652	ug/l	98
95) Naphthalene	16.12	128	840869	52.885	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	479616	56.475	ug/l	97

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

