

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061350.D
 Acq On : 27 Mar 2019 12:39
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 28 09:19:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:14:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	722433	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.19	114	1276572	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	1000877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	466306	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	123539	20.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.04%	
35) Dibromofluoromethane	6.90	113	190948	19.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.14%	
50) Toluene-d8	10.39	98	450343	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	
62) 4-Bromofluorobenzene	13.54	95	171218	19.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	163305	21.166	ug/l	96
3) Chloromethane	1.75	50	133364	21.195	ug/l	99
4) Vinyl Chloride	1.85	62	128019	22.159	ug/l	98
5) Bromomethane	2.15	94	19475	16.999	ug/l	93
6) Chloroethane	2.25	64	24684	14.569	ug/l	95
7) Trichlorofluoromethane	2.52	101	183350	21.825	ug/l	97
8) Diethyl Ether	2.86	74	52696	19.482	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.14	101	189172	20.945	ug/l	97
10) Methyl Iodide	3.30	142	239468	19.697	ug/l	98
11) Tert butyl alcohol	4.05	59	37158	96.683	ug/l	98
12) 1,1-Dichloroethene	3.12	96	166955	21.531	ug/l	99
13) Acrolein	3.02	56	37288	114.961	ug/l	100
14) Allyl chloride	3.60	41	211648	19.569	ug/l	97
15) Acrylonitrile	4.17	53	131983	98.943	ug/l	96
16) Acetone	3.21	43	149832	94.446	ug/l	97
17) Carbon Disulfide	3.37	76	517568	20.543	ug/l	99
18) Methyl Acetate	3.62	43	63119	18.923	ug/l	95
19) Methyl tert-butyl Ether	4.22	73	272191	20.278	ug/l	96
20) Methylene Chloride	3.80	84	196533	21.001	ug/l	95
21) trans-1,2-Dichloroethene	4.20	96	171547	20.491	ug/l	95
22) Diisopropyl ether	5.10	45	492341	21.512	ug/l	96
23) Vinyl Acetate	5.03	43	1283787	103.263	ug/l	100
24) 1,1-Dichloroethane	4.96	63	269923	20.068	ug/l	99
25) 2-Butanone	6.04	43	194178	97.303	ug/l	100
26) 2,2-Dichloropropane	6.00	77	207199	19.378	ug/l	97
27) cis-1,2-Dichloroethene	6.01	96	182921	19.942	ug/l	93
28) Bromochloromethane	6.41	49	108463	19.976	ug/l	# 99
29) Tetrahydrofuran	6.43	42	91606	94.707	ug/l	99
30) Chloroform	6.64	83	279661	20.122	ug/l	99
31) Cyclohexane	6.93	56	225615	21.226	ug/l	95
32) 1,1,1-Trichloroethane	6.84	97	258152	21.054	ug/l	99
36) 1,1-Dichloropropene	7.13	75	212731	19.093	ug/l	99
37) Ethyl Acetate	6.15	43	87326	18.327	ug/l	98
38) Carbon Tetrachloride	7.09	117	252425	19.898	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	226656	19.533	ug/l	96
40) Benzene	7.43	78	590482	21.117	ug/l	98
41) Methacrylonitrile	6.42	41	103689	18.611	ug/l #	95
42) 1,2-Dichloroethane	7.56	62	163259	19.519	ug/l	100
43) Isopropyl Acetate	9.21	43	138538	19.982	ug/l	99
44) Trichloroethene	8.52	130	199478	19.169	ug/l	100
45) 1,2-Dichloropropane	8.91	63	143013	20.170	ug/l	96
46) Dibromomethane	9.04	93	93920	19.680	ug/l	96
47) Bromodichloromethane	9.35	83	221097	20.641	ug/l	98
48) Methyl methacrylate	9.10	41	77895	20.358	ug/l	97
49) 1,4-Dioxane	9.05	88	16605	393.456	ug/l	92
51) 4-Methyl-2-Pentanone	10.28	43	414723	98.323	ug/l	96
52) Toluene	10.48	92	327625	19.205	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	192544	19.785	ug/l	97
54) cis-1,3-Dichloropropene	10.01	75	235665	19.887	ug/l	98
55) 1,1,2-Trichloroethane	11.16	97	115342	19.333	ug/l	99
56) Ethyl methacrylate	11.02	69	125352	19.559	ug/l	97
57) 1,3-Dichloropropane	11.39	76	182256	20.784	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	305931	98.018	ug/l	100
59) 2-Hexanone	11.51	43	306485	100.288	ug/l	96
60) Dibromochloromethane	11.67	129	179382	19.504	ug/l	100
61) 1,2-Dibromoethane	11.78	107	143296	20.743	ug/l	99
64) Tetrachloroethene	11.23	164	158671	20.200	ug/l	98
65) Chlorobenzene	12.37	112	409048	19.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.49	131	167198	21.111	ug/l	97
67) Ethyl Benzene	12.50	91	656387	21.024	ug/l	96
68) m/p-Xylenes	12.65	106	534653	45.207	ug/l	98
69) o-Xylene	13.03	106	236962	20.647	ug/l	95
70) Styrene	13.05	104	426307	21.308	ug/l	97
71) Bromoform	13.22	173	99839	19.887	ug/l	98
73) Isopropylbenzene	13.39	105	659891	20.333	ug/l	99
74) N-amyl acetate	13.25	43	170991	18.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.68	83	136591	19.951	ug/l	100
76) 1,2,3-Trichloropropane	13.71	75	137778	20.454	ug/l	99
77) Bromobenzene	13.65	156	196566	20.430	ug/l	86
78) n-propylbenzene	13.76	91	824752	20.766	ug/l	98
79) 2-Chlorotoluene	13.82	91	412876	19.146	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	510996	19.053	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	38092	18.547	ug/l #	94
82) 4-Chlorotoluene	13.93	91	490793	20.931	ug/l	92
83) tert-Butylbenzene	14.18	119	626852	19.919	ug/l	95
84) 1,2,4-Trimethylbenzene	14.22	105	565356	20.738	ug/l	98
85) sec-Butylbenzene	14.35	105	698814	20.903	ug/l	97
86) p-Isopropyltoluene	14.48	119	615491	21.772	ug/l	97
87) 1,3-Dichlorobenzene	14.44	146	322428	19.790	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	320415	20.166	ug/l	95
89) n-Butylbenzene	14.79	91	553281	21.324	ug/l	99
90) Hexachloroethane	14.99	117	159927	20.025	ug/l	78
91) 1,2-Dichlorobenzene	14.80	146	284837	21.314	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15673	19.519	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	116299	19.104	ug/l	94
94) Hexachlorobutadiene	16.03	225	84359	17.733	ug/l	99
95) Naphthalene	16.11	128	160603	17.307	ug/l	98
96) 1,2,3-Trichlorobenzene	16.25	180	50122	18.710	ug/l	96

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

