

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061392.D
 Acq On : 28 Mar 2019 15:50
 Operator : VA/AP
 Sample : VD0328SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Quant Time: Mar 28 16:19:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	718426	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	1272687	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	995699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	447647	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	306895	50.01	ug/l	0.01
Spiked Amount			Recovery	=	100.02%	
35) Dibromofluoromethane	6.92	113	482106	49.57	ug/l	0.02
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	10.41	98	1171540	50.22	ug/l	0.02
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	13.55	95	460360	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	159702	20.815	ug/l	99
3) Chloromethane	1.76	50	131260	20.977	ug/l	98
4) Vinyl Chloride	1.86	62	114961	20.009	ug/l	100
5) Bromomethane	2.16	94	22099	19.397	ug/l	93
6) Chloroethane	2.26	64	31974	18.978	ug/l	96
7) Trichlorofluoromethane	2.53	101	168786	20.203	ug/l	99
8) Diethyl Ether	2.87	74	53008	19.706	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.15	101	187538	20.880	ug/l	98
10) Methyl Iodide	3.31	142	231325	19.233	ug/l	98
11) Tert butyl alcohol	4.07	59	39469	103.268	ug/l #	94
12) 1,1-Dichloroethene	3.13	96	159706	20.711	ug/l	97
13) Acrolein	3.04	56	37108	115.063	ug/l	95
14) Allyl chloride	3.62	41	240683	22.378	ug/l	97
15) Acrylonitrile	4.19	53	143767	108.378	ug/l	99
16) Acetone	3.22	43	148188	93.930	ug/l	96
17) Carbon Disulfide	3.38	76	485108	19.362	ug/l	97
18) Methyl Acetate	3.64	43	73317	22.103	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	284859	21.340	ug/l	99
20) Methylene Chloride	3.82	84	215423	23.352	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	179932	21.612	ug/l	99
22) Diisopropyl ether	5.12	45	482610	21.204	ug/l	98
23) Vinyl Acetate	5.05	43	1279338	103.479	ug/l	97
24) 1,1-Dichloroethane	4.98	63	284312	21.255	ug/l	97
25) 2-Butanone	6.06	43	205666	103.635	ug/l	97
26) 2,2-Dichloropropane	6.01	77	220431	20.731	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	191566	21.001	ug/l	95
28) Bromochloromethane	6.43	49	112874	20.905	ug/l	86
29) Tetrahydrofuran	6.45	42	101576	105.600	ug/l	99
30) Chloroform	6.65	83	302391	21.879	ug/l	100
31) Cyclohexane	6.95	56	211582	20.017	ug/l	99
32) 1,1,1-Trichloroethane	6.86	97	241559	19.811	ug/l	97
36) 1,1-Dichloropropene	7.14	75	216187	19.463	ug/l	100
37) Ethyl Acetate	6.17	43	102337	21.542	ug/l	98
38) Carbon Tetrachloride	7.11	117	249512	19.548	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	235105	20.323	ug/l	94
40) Benzene	7.44	78	530958	19.046	ug/l	98
41) Methacrylonitrile	6.45	41	109732	19.756	ug/l #	94
42) 1,2-Dichloroethane	7.57	62	166199	19.931	ug/l	100
43) Isopropyl Acetate	9.23	43	140335	20.303	ug/l	97
44) Trichloroethene	8.54	130	210166	20.258	ug/l	92
45) 1,2-Dichloropropane	8.93	63	140557	19.884	ug/l	99
46) Dibromomethane	9.06	93	95241	20.018	ug/l	98
47) Bromodichloromethane	9.36	83	215301	20.162	ug/l	97
48) Methyl methacrylate	9.12	41	77158	20.227	ug/l	99
49) 1,4-Dioxane	9.07	88	17204	408.894	ug/l #	84
51) 4-Methyl-2-Pentanone	10.29	43	436183	103.726	ug/l	99
52) Toluene	10.50	92	333122	19.587	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	185564	19.126	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	241626	20.452	ug/l	94
55) 1,1,2-Trichloroethane	11.18	97	114244	19.208	ug/l	98
56) Ethyl methacrylate	11.04	69	134258	21.012	ug/l	96
57) 1,3-Dichloropropane	11.40	76	163677	18.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	325702	104.671	ug/l	97
59) 2-Hexanone	11.53	43	299668	98.357	ug/l	95
60) Dibromochloromethane	11.68	129	180014	19.633	ug/l	99
61) 1,2-Dibromoethane	11.79	107	131566	19.103	ug/l	97
64) Tetrachloroethene	11.24	164	160219	20.503	ug/l	98
65) Chlorobenzene	12.39	112	418543	20.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	166526	21.136	ug/l	99
67) Ethyl Benzene	12.51	91	663991	21.378	ug/l	95
68) m/p-Xylenes	12.66	106	519444	44.150	ug/l	98
69) o-Xylene	13.04	106	247377	21.666	ug/l	99
70) Styrene	13.06	104	426869	21.447	ug/l	98
71) Bromoform	13.23	173	94448	18.911	ug/l	97
73) Isopropylbenzene	13.40	105	679741	21.817	ug/l	99
74) N-amyl acetate	13.26	43	165082	19.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	132018	20.087	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	130118	20.122	ug/l	100
77) Bromobenzene	13.66	156	186308	20.171	ug/l	88
78) n-propylbenzene	13.76	91	769301	20.177	ug/l	95
79) 2-Chlorotoluene	13.83	91	433777	20.953	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	533651	22.076	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	40355	20.468	ug/l #	92
82) 4-Chlorotoluene	13.94	91	489127	21.729	ug/l	93
83) tert-Butylbenzene	14.19	119	634575	21.005	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	527945	20.173	ug/l	97
85) sec-Butylbenzene	14.36	105	673891	20.998	ug/l	98
86) p-Isopropyltoluene	14.48	119	602083	22.186	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	329459	21.064	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	319264	20.931	ug/l	97
89) n-Butylbenzene	14.80	91	487211	19.560	ug/l	98
90) Hexachloroethane	15.00	117	145328	18.955	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	236415	18.428	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	15906	20.635	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	119521	20.451	ug/l	97
94) Hexachlorobutadiene	16.04	225	97046	21.250	ug/l	99
95) Naphthalene	16.12	128	193598	21.733	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	60604	23.566	ug/l	97

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

