

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061774.D
 Acq On : 12 Apr 2019 13:17
 Operator : VA/AP
 Sample : VD0412SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Quant Time: Apr 12 13:41:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	655642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1007336	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	873067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	379240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	210990	42.46	ug/l	0.00
Spiked Amount			Recovery	=	84.92%	
35) Dibromofluoromethane	6.91	113	321843	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
50) Toluene-d8	10.40	98	717838	40.94	ug/l	0.00
Spiked Amount			Recovery	=	81.88%	
62) 4-Bromofluorobenzene	13.55	95	278227	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	120692	17.063	ug/l	95
3) Chloromethane	1.76	50	111717	19.545	ug/l	98
4) Vinyl Chloride	1.85	62	114908	21.514	ug/l	98
5) Bromomethane	2.15	94	20377	16.483	ug/l	94
6) Chloroethane	2.26	64	29172	17.438	ug/l #	88
7) Trichlorofluoromethane	2.52	101	162553	20.157	ug/l	96
8) Diethyl Ether	2.87	74	45993	20.322	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	156698	19.764	ug/l	100
10) Methyl Iodide	3.31	142	189450	18.506	ug/l	98
11) Tert butyl alcohol	4.07	59	34408	103.307	ug/l #	93
12) 1,1-Dichloroethene	3.12	96	126657	18.531	ug/l	93
13) Acrolein	3.03	56	27841	68.561	ug/l	84
14) Allyl chloride	3.62	41	182006	19.524	ug/l	96
15) Acrylonitrile	4.19	53	106998	93.324	ug/l	98
16) Acetone	3.21	43	132382	89.109	ug/l	98
17) Carbon Disulfide	3.38	76	384683	17.321	ug/l	98
18) Methyl Acetate	3.64	43	58466	20.917	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	226773	19.162	ug/l	98
20) Methylene Chloride	3.81	84	188567	22.368	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	137089	18.467	ug/l	99
22) Diisopropyl ether	5.11	45	406296	20.787	ug/l	98
23) Vinyl Acetate	5.05	43	1078793	100.030	ug/l	99
24) 1,1-Dichloroethane	4.97	63	235839	19.691	ug/l	98
25) 2-Butanone	6.06	43	164295	95.929	ug/l	100
26) 2,2-Dichloropropane	6.02	77	200329	20.541	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	155710	19.661	ug/l	97
28) Bromochloromethane	6.43	49	85094	19.260	ug/l	98
29) Tetrahydrofuran	6.44	42	84000	101.601	ug/l	99
30) Chloroform	6.66	83	253161	20.177	ug/l	95
31) Cyclohexane	6.94	56	176334	18.846	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	218944	19.912	ug/l	99
36) 1,1-Dichloropropene	7.14	75	189442	21.488	ug/l	99
37) Ethyl Acetate	6.18	43	85185	23.723	ug/l	98
38) Carbon Tetrachloride	7.10	117	222573	21.541	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	205133	22.664	ug/l	99
40) Benzene	7.45	78	462478	21.745	ug/l	99
41) Methacrylonitrile	6.43	41	94023	22.430	ug/l	95
42) 1,2-Dichloroethane	7.56	62	158050	23.629	ug/l	98
43) Isopropyl Acetate	9.23	43	112829	21.650	ug/l #	97
44) Trichloroethene	8.53	130	178848	21.935	ug/l	94
45) 1,2-Dichloropropane	8.93	63	116443	22.076	ug/l	98
46) Dibromomethane	9.05	93	83315	22.101	ug/l	95
47) Bromodichloromethane	9.36	83	182184	22.005	ug/l	99
48) Methyl methacrylate	9.11	41	62155	20.690	ug/l	95
49) 1,4-Dioxane	9.07	88	13787	415.791	ug/l	93
51) 4-Methyl-2-Pentanone	10.29	43	350612	113.760	ug/l	100
52) Toluene	10.50	92	293910	22.130	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	161104	22.199	ug/l	96
54) cis-1,3-Dichloropropene	10.03	75	207754	23.222	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	97286	21.719	ug/l	98
56) Ethyl methacrylate	11.04	69	100668	21.304	ug/l	95
57) 1,3-Dichloropropane	11.40	76	132985	20.273	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	262066	117.538	ug/l	97
59) 2-Hexanone	11.52	43	243456	101.784	ug/l	98
60) Dibromochloromethane	11.68	129	160833	22.727	ug/l	100
61) 1,2-Dibromoethane	11.80	107	117070	22.348	ug/l	97
64) Tetrachloroethene	11.25	164	130465	19.251	ug/l	98
65) Chlorobenzene	12.39	112	366686	21.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	145159	21.788	ug/l	99
67) Ethyl Benzene	12.52	91	591234	22.425	ug/l	99
68) m/p-Xylenes	12.66	106	438420	43.132	ug/l	96
69) o-Xylene	13.05	106	197665	20.146	ug/l	91
70) Styrene	13.07	104	340005	20.291	ug/l	97
71) Bromoform	13.22	173	82114	19.864	ug/l	95
73) Isopropylbenzene	13.40	105	573500	22.696	ug/l	99
74) N-amyl acetate	13.26	43	147337	21.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	111938	21.424	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	108661	21.060	ug/l	99
77) Bromobenzene	13.67	156	163015	22.225	ug/l	81
78) n-propylbenzene	13.77	91	666319	22.044	ug/l	99
79) 2-Chlorotoluene	13.83	91	369529	21.378	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	446650	22.270	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	33147	21.171	ug/l	93
82) 4-Chlorotoluene	13.94	91	398627	21.046	ug/l	96
83) tert-Butylbenzene	14.19	119	514603	21.280	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	488383	24.127	ug/l	97
85) sec-Butylbenzene	14.37	105	529582	20.270	ug/l	96
86) p-Isopropyltoluene	14.48	119	509123	22.463	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	294775	23.352	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	255455	20.057	ug/l	98
89) n-Butylbenzene	14.79	91	461646	23.433	ug/l	97
90) Hexachloroethane	15.01	117	139558	22.693	ug/l	70
91) 1,2-Dichlorobenzene	14.80	146	224525	21.581	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14730	23.362	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	115894	21.865	ug/l	97
94) Hexachlorobutadiene	16.03	225	93278	22.791	ug/l	100
95) Naphthalene	16.12	128	174482	20.805	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	67499	25.516	ug/l	99

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

