

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041519\
 Data File : VD061797.D
 Acq On : 15 Apr 2019 13:14
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 16 08:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:14:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	594885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.26	114	923576	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.40	117	802233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.54	152	392756	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.49	65	49360	9.85	ug/l	0.00
Spiked Amount			Recovery	=	19.70%	
35) Dibromofluoromethane	6.97	113	74342	10.65	ug/l	0.00
Spiked Amount			Recovery	=	21.30%	
50) Toluene-d8	10.45	98	173479	10.49	ug/l	0.00
Spiked Amount			Recovery	=	20.98%	
62) 4-Bromofluorobenzene	13.58	95	73442	10.96	ug/l	0.00
Spiked Amount			Recovery	=	21.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	51436	8.812	ug/l	98
3) Chloromethane	1.78	50	44833	9.638	ug/l	97
4) Vinyl Chloride	1.87	62	41664	9.024	ug/l	96
5) Bromomethane	2.18	94	11852	10.018	ug/l	89
6) Chloroethane	2.30	64	15893	10.089	ug/l	92
7) Trichlorofluoromethane	2.56	101	77323	10.347	ug/l	99
8) Diethyl Ether	2.91	74	17184	8.756	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.19	101	63807	9.563	ug/l	96
10) Methyl Iodide	3.35	142	65115	7.237	ug/l	96
11) Tert butyl alcohol	4.11	59	13523	45.759	ug/l #	76
12) 1,1-Dichloroethene	3.16	96	54008	9.623	ug/l	99
13) Acrolein	3.06	56	13198	46.098	ug/l	93
14) Allyl chloride	3.67	41	73341	9.585	ug/l	99
15) Acrylonitrile	4.24	53	46767	50.407	ug/l	98
16) Acetone	3.25	43	59093	47.838	ug/l	95
17) Carbon Disulfide	3.42	76	171389	9.449	ug/l #	95
18) Methyl Acetate	3.68	43	23811	9.612	ug/l	93
19) Methyl tert-butyl Ether	4.29	73	101495	9.714	ug/l	96
20) Methylene Chloride	3.86	84	86378	11.588	ug/l	94
21) trans-1,2-Dichloroethene	4.27	96	61044	9.904	ug/l	96
22) Diisopropyl ether	5.17	45	167108	10.235	ug/l	95
23) Vinyl Acetate	5.11	43	414078	47.515	ug/l #	95
24) 1,1-Dichloroethane	5.03	63	100348	10.126	ug/l	99
25) 2-Butanone	6.12	43	68761	48.887	ug/l	100
26) 2,2-Dichloropropane	6.08	77	92262	10.760	ug/l	98
27) cis-1,2-Dichloroethene	6.09	96	69191	10.343	ug/l	93
28) Bromochloromethane	6.49	49	39893	10.587	ug/l	96
29) Tetrahydrofuran	6.51	42	32635	47.630	ug/l	97
30) Chloroform	6.72	83	108613	9.819	ug/l	99
31) Cyclohexane	7.01	56	71489	9.416	ug/l	99
32) 1,1,1-Trichloroethane	6.91	97	95802	9.770	ug/l	98
36) 1,1-Dichloropropene	7.20	75	80779	10.701	ug/l	95
37) Ethyl Acetate	6.22	43	32030	9.916	ug/l #	93
38) Carbon Tetrachloride	7.16	117	101509	10.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.91	83	80444	10.264	ug/l	97
40) Benzene	7.50	78	180799	9.977	ug/l	97
41) Methacrylonitrile	6.49	41	38945	10.201	ug/l #	94
42) 1,2-Dichloroethane	7.62	62	66357	10.516	ug/l	97
43) Isopropyl Acetate	9.28	43	44870	9.871	ug/l	98
44) Trichloroethene	8.59	130	72331	10.370	ug/l	97
45) 1,2-Dichloropropane	8.98	63	47033	9.966	ug/l	94
46) Dibromomethane	9.11	93	32570	9.685	ug/l	93
47) Bromodichloromethane	9.41	83	72633	9.362	ug/l	88
48) Methyl methacrylate	9.16	41	24940	9.334	ug/l	90
49) 1,4-Dioxane	9.12	88	5089	174.255	ug/l	93
51) 4-Methyl-2-Pentanone	10.34	43	134320	48.321	ug/l	100
52) Toluene	10.55	92	124891	10.756	ug/l	96
53) t-1,3-Dichloropropene	10.95	75	69712	9.972	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	86305	10.517	ug/l	97
55) 1,1,2-Trichloroethane	11.23	97	40717	10.407	ug/l	96
56) Ethyl methacrylate	11.08	69	43918	10.227	ug/l	97
57) 1,3-Dichloropropane	11.44	76	58016	9.863	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.90	63	123549	60.490	ug/l	95
59) 2-Hexanone	11.56	43	105386	51.045	ug/l	97
60) Dibromochloromethane	11.72	129	61286	9.573	ug/l	100
61) 1,2-Dibromoethane	11.84	107	46843	9.737	ug/l	99
64) Tetrachloroethene	11.29	164	59134	9.829	ug/l	99
65) Chlorobenzene	12.43	112	161198	10.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.55	131	65375	10.442	ug/l	95
67) Ethyl Benzene	12.55	91	264640	11.061	ug/l	99
68) m/p-Xylenes	12.69	106	183962	20.469	ug/l	98
69) o-Xylene	13.08	106	83938	9.937	ug/l	99
70) Styrene	13.10	104	154834	10.651	ug/l	99
71) Bromoform	13.26	173	36011	9.690	ug/l #	92
73) Isopropylbenzene	13.43	105	255207	10.019	ug/l	96
74) N-amyl acetate	13.28	43	59165	8.638	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.73	83	41758	8.294	ug/l	93
76) 1,2,3-Trichloropropane	13.76	75	47224	9.156	ug/l	99
77) Bromobenzene	13.70	156	65386	9.037	ug/l	97
78) n-propylbenzene	13.80	91	296289	10.068	ug/l	100
79) 2-Chlorotoluene	13.86	91	159646	9.341	ug/l	94
80) 1,3,5-Trimethylbenzene	13.95	105	208710	10.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.50	75	12065	8.211	ug/l	94
82) 4-Chlorotoluene	13.97	91	198760	10.101	ug/l	97
83) tert-Butylbenzene	14.21	119	233308	9.831	ug/l	100
84) 1,2,4-Trimethylbenzene	14.26	105	199641	9.827	ug/l	96
85) sec-Butylbenzene	14.39	105	231599	9.441	ug/l	99
86) p-Isopropyltoluene	14.51	119	231349	10.079	ug/l	99
87) 1,3-Dichlorobenzene	14.47	146	123013	9.739	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	118579	9.497	ug/l	99
89) n-Butylbenzene	14.82	91	199392	9.813	ug/l	98
90) Hexachloroethane	15.03	117	52690	8.422	ug/l	99
91) 1,2-Dichlorobenzene	14.83	146	100231	9.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.40	75	5529	7.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	52243	8.990	ug/l	99
94) Hexachlorobutadiene	16.06	225	38800	9.213	ug/l	97
95) Naphthalene	16.14	128	71370	8.013	ug/l	97
96) 1,2,3-Trichlorobenzene	16.29	180	31034	9.371	ug/l	94

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

