

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110618\
 Data File : VD060284.D
 Acq On : 6 Nov 2018 11:07
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 06 13:47:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1732180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2413091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1927255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	946212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	61658	5.03	ug/l	0.00
Spiked Amount			Recovery	=	10.06%	
35) Dibromofluoromethane	6.34	113	85930	4.84	ug/l	0.00
Spiked Amount			Recovery	=	9.68%	
50) Toluene-d8	9.47	98	253705	4.93	ug/l	0.00
Spiked Amount			Recovery	=	9.86%	
62) 4-Bromofluorobenzene	12.44	95	96637	5.19	ug/l	0.00
Spiked Amount			Recovery	=	10.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	83772	5.553	ug/l	97
3) Chloromethane	1.77	50	92867	5.921	ug/l	94
4) Vinyl Chloride	1.87	62	70797	5.369	ug/l	98
5) Bromomethane	2.17	94	18811	5.195	ug/l	97
6) Chloroethane	2.28	64	23650	4.986	ug/l	99
7) Trichlorofluoromethane	2.53	101	81910	4.990	ug/l	98
8) Diethyl Ether	2.84	74	14517	4.673	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.11	101	53266	5.045	ug/l	99
10) Methyl Iodide	3.26	142	68484	6.692	ug/l	94
11) Tert butyl alcohol	3.97	59	12882	24.315	ug/l	98
12) 1,1-Dichloroethene	3.09	96	46425	5.321	ug/l	86
13) Acrolein	3.00	56	16274	24.770	ug/l	89
14) Allyl chloride	3.55	41	79306	4.783	ug/l	94
15) Acrylonitrile	4.10	53	72853	25.081	ug/l	95
16) Acetone	3.17	43	56298	25.056	ug/l	98
17) Carbon Disulfide	3.33	76	140079	4.947	ug/l	99
18) Methyl Acetate	3.57	43	26312	5.723	ug/l	100
19) Methyl tert-butyl Ether	4.14	73	122015	4.969	ug/l	100
20) Methylene Chloride	3.74	84	111691	5.228	ug/l	96
21) trans-1,2-Dichloroethene	4.12	96	91011	4.894	ug/l	98
22) Diisopropyl ether	4.87	45	298515	4.946	ug/l	93
23) Vinyl Acetate	4.82	43	733194	24.388	ug/l	100
24) 1,1-Dichloroethane	4.78	63	150605	4.943	ug/l	99
25) 2-Butanone	5.64	43	106522	24.956	ug/l	100
26) 2,2-Dichloropropane	5.61	77	121528	5.081	ug/l	94
27) cis-1,2-Dichloroethene	5.62	96	93875	4.858	ug/l	97
28) Bromochloromethane	5.94	49	70066	5.170	ug/l	93
29) Tetrahydrofuran	5.97	42	60295	26.870	ug/l	94
30) Chloroform	6.12	83	150886	4.907	ug/l	93
31) Cyclohexane	6.38	56	167372	5.823	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	126767	5.000	ug/l	98
36) 1,1-Dichloropropene	6.54	75	120486	5.165	ug/l	95
37) Ethyl Acetate	5.71	43	52741	5.066	ug/l	99
38) Carbon Tetrachloride	6.51	117	112869	5.309	ug/l	97

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39) Methylcyclohexane	8.06	83	134775	5.138	ug/l	98
40) Benzene	6.81	78	306347	5.089	ug/l	100
41) Methacrylonitrile	5.97	41	61416	8.928	ug/l #	85
42) 1,2-Dichloroethane	6.91	62	77497	4.967	ug/l	96
43) Isopropyl Acetate	8.36	43	65360	4.863	ug/l #	95
44) Trichloroethene	7.75	130	87889	4.778	ug/l	99
45) 1,2-Dichloropropane	8.12	63	73627	4.904	ug/l	92
46) Dibromomethane	8.23	93	42590	4.947	ug/l	98
47) Bromodichloromethane	8.51	83	96848	4.674	ug/l	99
48) Methyl methacrylate	8.26	41	38968	4.839	ug/l	99
49) 1,4-Dioxane	8.24	88	6636	92.054	ug/l	85
51) 4-Methyl-2-Pentanone	9.36	43	227323	26.800	ug/l	97
52) Toluene	9.56	92	191233	5.021	ug/l	98
53) t-1,3-Dichloropropene	9.94	75	82896	4.822	ug/l	99
54) cis-1,3-Dichloropropene	9.12	75	105635	4.709	ug/l	96
55) 1,1,2-Trichloroethane	10.19	97	63083	5.920	ug/l	93
56) Ethyl methacrylate	10.04	69	43792	4.323	ug/l	92
57) 1,3-Dichloropropane	10.40	76	83859	5.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	155937	26.039	ug/l	99
59) 2-Hexanone	10.50	43	143578	22.983	ug/l	95
60) Dibromochloromethane	10.65	129	60743	4.497	ug/l	97
61) 1,2-Dibromoethane	10.77	107	52785	4.882	ug/l	100
64) Tetrachloroethene	10.27	164	83424	4.940	ug/l	97
65) Chlorobenzene	11.32	112	207743	5.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.43	131	65264	4.790	ug/l	99
67) Ethyl Benzene	11.44	91	370074	5.248	ug/l	97
68) m/p-Xylenes	11.58	106	267252	10.268	ug/l	97
69) o-Xylene	11.94	106	123934	4.900	ug/l	100
70) Styrene	11.96	104	200242	4.917	ug/l	95
71) Bromoform	12.13	173	39260	4.495	ug/l #	96
73) Isopropylbenzene	12.29	105	356204	5.338	ug/l	99
74) N-amyl acetate	12.14	43	79875	4.716	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.57	83	57279	5.319	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	53738	5.002	ug/l	93
77) Bromobenzene	12.55	156	93813	5.264	ug/l	92
78) n-propylbenzene	12.64	91	447273	5.331	ug/l	94
79) 2-Chlorotoluene	12.71	91	241424	5.215	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	279762	5.395	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.35	75	14660	5.056	ug/l	86
82) 4-Chlorotoluene	12.82	91	284720	5.512	ug/l	95
83) tert-Butylbenzene	13.06	119	301521	5.231	ug/l	93
84) 1,2,4-Trimethylbenzene	13.10	105	276374	5.252	ug/l	95
85) sec-Butylbenzene	13.23	105	379653	5.399	ug/l	97
86) p-Isopropyltoluene	13.35	119	290069	5.190	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	160837	5.055	ug/l	97
88) 1,4-Dichlorobenzene	13.40	146	160879	5.185	ug/l	95
89) n-Butylbenzene	13.66	91	318921	5.572	ug/l	97
90) Hexachloroethane	13.86	117	61882	4.548	ug/l	85
91) 1,2-Dichlorobenzene	13.67	146	139510	5.376	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	5717	4.327	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	104447	5.189	ug/l	99
94) Hexachlorobutadiene	14.89	225	75529	5.080	ug/l	97
95) Naphthalene	14.97	128	118884	4.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	79854	4.913	ug/l	94

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

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