

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110618\
 Data File : VD060288.D
 Acq On : 6 Nov 2018 13:00
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Nov 06 13:47:23 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	1573331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2203202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1696009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	887219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	792943	71.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.58%	
35) Dibromofluoromethane	6.34	113	1160634	71.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.08%	
50) Toluene-d8	9.47	98	3397639	72.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.68%	
62) 4-Bromofluorobenzene	12.44	95	1230567	72.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	854232	62.347	ug/l	98
3) Chloromethane	1.76	50	932416	65.452	ug/l	99
4) Vinyl Chloride	1.86	62	795516	66.426	ug/l	98
5) Bromomethane	2.16	94	193513	58.834	ug/l	99
6) Chloroethane	2.26	64	277937	64.510	ug/l	100
7) Trichlorofluoromethane	2.52	101	962124	64.537	ug/l	99
8) Diethyl Ether	2.83	74	181058	64.168	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.10	101	622357	64.901	ug/l	99
10) Methyl Iodide	3.26	142	833407	89.654	ug/l	100
11) Tert butyl alcohol	3.98	59	162393	337.463	ug/l #	91
12) 1,1-Dichloroethene	3.08	96	497502	62.774	ug/l	98
13) Acrolein	2.99	56	192174	322.026	ug/l	96
14) Allyl chloride	3.54	41	1005688	66.778	ug/l	98
15) Acrylonitrile	4.10	53	942304	357.157	ug/l	99
16) Acetone	3.17	43	668353	327.486	ug/l	95
17) Carbon Disulfide	3.33	76	1658402	64.485	ug/l	99
18) Methyl Acetate	3.57	43	302444	72.420	ug/l	100
19) Methyl tert-butyl Ether	4.13	73	1632787	73.214	ug/l	99
20) Methylene Chloride	3.73	84	1128670	58.166	ug/l	98
21) trans-1,2-Dichloroethene	4.11	96	1178260	69.762	ug/l	97
22) Diisopropyl ether	4.87	45	3792775	69.181	ug/l	100
23) Vinyl Acetate	4.81	43	9538653	349.311	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1947562	70.381	ug/l	100
25) 2-Butanone	5.63	43	1449695	373.933	ug/l	100
26) 2,2-Dichloropropane	5.60	77	1497834	68.942	ug/l	98
27) cis-1,2-Dichloroethene	5.61	96	1248296	71.121	ug/l	99
28) Bromochloromethane	5.93	49	881437	71.603	ug/l	97
29) Tetrahydrofuran	5.96	42	747535	366.766	ug/l	99
30) Chloroform	6.11	83	1954925	69.996	ug/l	100
31) Cyclohexane	6.38	56	1743877	66.792	ug/l	98
32) 1,1,1-Trichloroethane	6.31	97	1634378	70.976	ug/l	98
36) 1,1-Dichloropropene	6.53	75	1470494	69.041	ug/l	98
37) Ethyl Acetate	5.71	43	710994	74.795	ug/l	99
38) Carbon Tetrachloride	6.52	117	1378188	71.001	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	1727452	72.131	ug/l	99
40) Benzene	6.81	78	3782095	68.819	ug/l	100
41) Methacrylonitrile	5.95	41	800961	127.533	ug/l	97
42) 1,2-Dichloroethane	6.91	62	1018246	71.477	ug/l	97
43) Isopropyl Acetate	8.37	43	939417	76.561	ug/l #	99
44) Trichloroethene	7.76	130	1195239	71.162	ug/l	99
45) 1,2-Dichloropropane	8.12	63	991254	72.312	ug/l	97
46) Dibromomethane	8.23	93	587187	74.703	ug/l	99
47) Bromodichloromethane	8.50	83	1388238	73.378	ug/l	99
48) Methyl methacrylate	8.26	41	556523	75.700	ug/l	97
49) 1,4-Dioxane	8.24	88	96862	1471.665	ug/l	89
51) 4-Methyl-2-Pentanone	9.36	43	2892736	373.530	ug/l	98
52) Toluene	9.57	92	2412776	69.381	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	1173412	74.761	ug/l	100
54) cis-1,3-Dichloropropene	9.11	75	1489716	72.741	ug/l	99
55) 1,1,2-Trichloroethane	10.20	97	685093	70.419	ug/l	98
56) Ethyl methacrylate	10.05	69	699287	75.614	ug/l	98
57) 1,3-Dichloropropane	10.39	76	1110116	74.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	1999725	365.730	ug/l	99
59) 2-Hexanone	10.50	43	2067275	362.444	ug/l	98
60) Dibromochloromethane	10.65	129	910020	73.791	ug/l	100
61) 1,2-Dibromoethane	10.77	107	740534	75.023	ug/l	99
64) Tetrachloroethene	10.26	164	1071003	72.067	ug/l	99
65) Chlorobenzene	11.33	112	2579920	70.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	852680	71.109	ug/l	96
67) Ethyl Benzene	11.44	91	4280175	68.973	ug/l	99
68) m/p-Xylenes	11.57	106	3061050	133.637	ug/l	99
69) o-Xylene	11.95	106	1586927	71.304	ug/l	90
70) Styrene	11.97	104	2593928	72.377	ug/l	99
71) Bromoform	12.12	173	621433	80.855	ug/l	99
73) Isopropylbenzene	12.28	105	4312732	68.928	ug/l	100
74) N-amyl acetate	12.14	43	1178610	74.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	725364	71.833	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	729856	72.459	ug/l	99
77) Bromobenzene	12.55	156	1172175	70.142	ug/l	98
78) n-propylbenzene	12.65	91	5048086	64.173	ug/l	100
79) 2-Chlorotoluene	12.72	91	2867264	66.051	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	3228947	66.407	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	227284	83.599	ug/l	96
82) 4-Chlorotoluene	12.82	91	3193994	65.946	ug/l	88
83) tert-Butylbenzene	13.06	119	3689588	68.259	ug/l	100
84) 1,2,4-Trimethylbenzene	13.10	105	3350626	67.903	ug/l	99
85) sec-Butylbenzene	13.23	105	4387125	66.538	ug/l	100
86) p-Isopropyltoluene	13.35	119	3648896	69.632	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	2043756	68.511	ug/l	100
88) 1,4-Dichlorobenzene	13.40	146	2054030	70.603	ug/l	99
89) n-Butylbenzene	13.65	91	3491235	65.058	ug/l	97
90) Hexachloroethane	13.87	117	935303	73.303	ug/l	94
91) 1,2-Dichlorobenzene	13.67	146	1617573	66.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.23	75	96008	77.496	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1357463	71.920	ug/l	97
94) Hexachlorobutadiene	14.89	225	1002322	71.904	ug/l	100
95) Naphthalene	14.98	128	1764999	75.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	1107246	72.658	ug/l	99

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

