

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061918\
 Data File : VD058202.D
 Acq On : 19 Jun 2018 19:38
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061918

Quant Time: Jun 20 05:57:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	912610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1180484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	951676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	509178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	508272	55.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	5.55	113	503290	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	1211916	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.93	95	497418	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	436732	51.29	ug/l	100
3) Chloromethane	1.47	50	206795	52.11	ug/l	100
4) Vinyl Chloride	1.55	62	242743	50.78	ug/l	99
5) Bromomethane	1.79	94	92824	60.01	ug/l	100
6) Chloroethane	1.88	64	92677	53.19	ug/l	97
7) Trichlorofluoromethane	2.07	101	327904	50.02	ug/l	96
8) Diethyl Ether	2.34	74	77427	55.84	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.55	101	208301	49.99	ug/l	96
10) Methyl Iodide	2.68	142	247867	52.29	ug/l	99
11) Tert butyl alcohol	3.26	59	70254	231.08	ug/l #	89
12) 1,1-Dichloroethene	2.54	96	153264	48.88	ug/l	95
13) Acrolein	2.47	56	34120	196.59	ug/l	91
14) Allyl chloride	2.91	41	368557	50.51	ug/l	97
15) Acrylonitrile	3.35	53	207152	256.97	ug/l	96
16) Acetone	2.61	43	291756	231.44	ug/l #	90
17) Carbon Disulfide	2.75	76	524770	49.19	ug/l	100
18) Methyl Acetate	2.93	43	134336	49.97	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	443080	53.28	ug/l	99
20) Methylene Chloride	3.07	84	170477	51.99	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	166622	48.63	ug/l	90
22) Diisopropyl ether	4.07	45	1435399	49.53	ug/l	99
23) Vinyl Acetate	4.01	43	4031825	259.51	ug/l	99
24) 1,1-Dichloroethane	3.96	63	769821	49.30	ug/l	97
25) 2-Butanone	4.84	43	682333	248.34	ug/l	100
26) 2,2-Dichloropropane	4.79	77	619245	47.36	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	426374	49.79	ug/l	98
28) Bromochloromethane	5.15	49	359384	51.34	ug/l #	97
29) Tetrahydrofuran	5.19	42	376352	257.34	ug/l	97
30) Chloroform	5.32	83	807879	49.01	ug/l	97
31) Cyclohexane	5.59	56	572439	50.55	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	663034	48.68	ug/l	97
36) 1,1-Dichloropropene	5.75	75	553055	47.36	ug/l	96
37) Ethyl Acetate	4.93	43	331819	49.87	ug/l #	97
38) Carbon Tetrachloride	5.73	117	586904	50.58	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	545280	47.94	ug/l	99
40) Benzene	6.01	78	1307031	46.98	ug/l	99
41) Methacrylonitrile	5.13	41	173835	54.10	ug/l	96
42) 1,2-Dichloroethane	6.13	62	563725	50.26	ug/l	100
43) Isopropyl Acetate	7.62	43	456861	51.50	ug/l #	96
44) Trichloroethene	6.98	130	401213	48.03	ug/l	98
45) 1,2-Dichloropropane	7.35	63	353918	47.24	ug/l	97
46) Dibromomethane	7.46	93	260682	50.97	ug/l	95
47) Bromodichloromethane	7.74	83	602086	51.62	ug/l	98
48) Methyl methacrylate	7.51	41	261220	48.45	ug/l	99
49) 1,4-Dioxane	7.49	88	52119	1070.93	ug/l #	70
51) 4-Methyl-2-Pentanone	8.60	43	1464993	253.19	ug/l	98
52) Toluene	8.80	92	747121	47.17	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	502946	49.60	ug/l	97
54) cis-1,3-Dichloropropene	8.36	75	570766	48.01	ug/l	98
55) 1,1,2-Trichloroethane	9.46	97	274697	49.02	ug/l	94
56) Ethyl methacrylate	9.31	69	341083	50.89	ug/l	99
57) 1,3-Dichloropropane	9.66	76	472872	50.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	813578	245.20	ug/l	96
59) 2-Hexanone	9.79	43	1066078	254.98	ug/l	99
60) Dibromochloromethane	9.96	129	398241	52.36	ug/l	97
61) 1,2-Dibromoethane	10.10	107	308678	50.32	ug/l	96
64) Tetrachloroethene	9.52	164	400947	50.07	ug/l	99
65) Chlorobenzene	10.73	112	842790	47.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	343074	49.94	ug/l	100
67) Ethyl Benzene	10.86	91	1487902	47.34	ug/l	100
68) m/p-Xylenes	11.01	106	1021189	97.44	ug/l	100
69) o-Xylene	11.41	106	497194	49.67	ug/l	96
70) Styrene	11.44	104	819605	47.98	ug/l	100
71) Bromoform	11.60	173	300292	54.80	ug/l	97
73) Isopropylbenzene	11.77	105	1433354	47.06	ug/l	100
74) N-amyl acetate	11.64	43	593987	50.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	328107	46.29	ug/l	99
76) 1,2,3-Trichloropropane	12.12	75	351140	47.23	ug/l	98
77) Bromobenzene	12.05	156	452365	49.60	ug/l	94
78) n-propylbenzene	12.15	91	1784957	45.38	ug/l	99
79) 2-Chlorotoluene	12.21	91	1032565	45.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1094022	46.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	95858	52.87	ug/l	89
82) 4-Chlorotoluene	12.33	91	1157257	53.10	ug/l	99
83) tert-Butylbenzene	12.58	119	1299435	47.58	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	1179038	45.66	ug/l	100
85) sec-Butylbenzene	12.76	105	1486551	46.44	ug/l	98
86) p-Isopropyltoluene	12.88	119	1241395	47.85	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	739255	46.64	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	735837	47.54	ug/l	98
89) n-Butylbenzene	13.20	91	1219701	44.74	ug/l	99
90) Hexachloroethane	13.41	117	330601	49.10	ug/l	97
91) 1,2-Dichlorobenzene	13.20	146	613472	45.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.78	75	59190	52.47	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	598387	46.38	ug/l	97
94) Hexachlorobutadiene	14.44	225	484363	48.00	ug/l	97
95) Naphthalene	14.52	128	830625	48.88	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	524202	46.41	ug/l	98

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

