

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059697.D
 Acq On : 7 Aug 2018 11:07
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 08:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	215044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	271291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	219344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	119085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	149301	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	5.53	113	132296	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	8.69	98	281981	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.93	95	128648	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	149282	49.46	ug/l	98
3) Chloromethane	1.47	50	68418	50.87	ug/l	94
4) Vinyl Chloride	1.54	62	84004	53.49	ug/l	97
5) Bromomethane	1.77	94	32246	62.39	ug/l	97
6) Chloroethane	1.86	64	38603	60.48	ug/l	97
7) Trichlorofluoromethane	2.07	101	137117	53.57	ug/l	100
8) Diethyl Ether	2.32	74	24155	51.52	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.53	101	71610	49.53	ug/l	92
10) Methyl Iodide	2.67	142	87041	52.37	ug/l	97
11) Tert butyl alcohol	3.25	59	23498	233.45	ug/l	98
12) 1,1-Dichloroethene	2.52	96	53700	50.84	ug/l	88
13) Acrolein	2.45	56	22896	242.18	ug/l	96
14) Allyl chloride	2.89	41	121125	50.11	ug/l	96
15) Acrylonitrile	3.34	53	72084	258.19	ug/l	95
16) Acetone	2.59	43	145289	279.60	ug/l	95
17) Carbon Disulfide	2.74	76	199967	52.40	ug/l	99
18) Methyl Acetate	2.91	43	45795	47.69	ug/l #	90
19) Methyl tert-butyl Ether	3.38	73	228045	56.57	ug/l	99
20) Methylene Chloride	3.04	84	68113	48.00	ug/l	95
21) trans-1,2-Dichloroethene	3.37	96	82698	59.81	ug/l	84
22) Diisopropyl ether	4.05	45	273822	48.16	ug/l	93
23) Vinyl Acetate	4.00	43	892971	247.75	ug/l	97
24) 1,1-Dichloroethane	3.95	63	183206	48.69	ug/l	99
25) 2-Butanone	4.81	43	187423	274.61	ug/l	98
26) 2,2-Dichloropropane	4.77	77	200883	49.99	ug/l	99
27) cis-1,2-Dichloroethene	4.78	96	97459	48.54	ug/l	93
28) Bromochloromethane	5.13	49	75659	54.46	ug/l #	87
29) Tetrahydrofuran	5.16	42	65625	248.28	ug/l	97
30) Chloroform	5.30	83	218469	47.63	ug/l	100
31) Cyclohexane	5.57	56	123018	49.83	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	222752	49.93	ug/l	95
36) 1,1-Dichloropropene	5.73	75	146812	48.68	ug/l	96
37) Ethyl Acetate	4.90	43	74978	51.20	ug/l	97
38) Carbon Tetrachloride	5.71	117	204046	50.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	121509	47.67	ug/l	94
40) Benzene	5.99	78	276359	47.25	ug/l	97
41) Methacrylonitrile	5.10	41	33641	49.13	ug/l	92
42) 1,2-Dichloroethane	6.11	62	177666	49.13	ug/l	98
43) Isopropyl Acetate	7.60	43	94327	49.28	ug/l	99
44) Trichloroethene	6.96	130	106564	49.86	ug/l	99
45) 1,2-Dichloropropane	7.33	63	75188	48.68	ug/l	99
46) Dibromomethane	7.45	93	68040	50.83	ug/l	95
47) Bromodichloromethane	7.72	83	169926	49.84	ug/l	99
48) Methyl methacrylate	7.49	41	66059	52.29	ug/l	97
49) 1,4-Dioxane	7.48	88	11740	1062.65	ug/l #	91
51) 4-Methyl-2-Pentanone	8.58	43	370714	265.58	ug/l	99
52) Toluene	8.79	92	175819	47.12	ug/l	99
53) t-1,3-Dichloropropene	9.17	75	145422	50.42	ug/l	99
54) cis-1,3-Dichloropropene	8.34	75	145422	48.95	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	67413	47.04	ug/l	93
56) Ethyl methacrylate	9.30	69	75073	47.48	ug/l	96
57) 1,3-Dichloropropane	9.65	76	109793	49.37	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.18	63	201352	267.28	ug/l	96
59) 2-Hexanone	9.77	43	292145	278.71	ug/l	97
60) Dibromochloromethane	9.95	129	117921	51.78	ug/l	97
61) 1,2-Dibromoethane	10.09	107	82072	49.80	ug/l	99
64) Tetrachloroethene	9.50	164	98759	47.55	ug/l	97
65) Chlorobenzene	10.72	112	208640	45.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	98157	48.44	ug/l	96
67) Ethyl Benzene	10.85	91	393639	47.29	ug/l	100
68) m/p-Xylenes	11.00	106	251680	94.51	ug/l	97
69) o-Xylene	11.39	106	121697	47.01	ug/l	94
70) Styrene	11.42	104	196992	45.33	ug/l	96
71) Bromoform	11.59	173	81241	53.21	ug/l	97
73) Isopropylbenzene	11.77	105	366871	45.84	ug/l	99
74) N-amyl acetate	11.64	43	124587	48.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	78343	48.78	ug/l	96
76) 1,2,3-Trichloropropane	12.10	75	90403	49.11	ug/l	99
77) Bromobenzene	12.03	156	113377	48.60	ug/l	92
78) n-propylbenzene	12.14	91	447137	45.08	ug/l	98
79) 2-Chlorotoluene	12.21	91	282570	47.18	ug/l	95
80) 1,3,5-Trimethylbenzene	12.31	105	308116	46.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	24346	54.19	ug/l	87
82) 4-Chlorotoluene	12.32	91	323813	46.18	ug/l	92
83) tert-Butylbenzene	12.56	119	350884	47.03	ug/l	97
84) 1,2,4-Trimethylbenzene	12.61	105	319068	45.16	ug/l	98
85) sec-Butylbenzene	12.75	105	386629	46.66	ug/l	97
86) p-Isopropyltoluene	12.88	119	337597	47.77	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	194832	48.39	ug/l	99
88) 1,4-Dichlorobenzene	12.92	146	186449	46.42	ug/l	96
89) n-Butylbenzene	13.18	91	334397	46.67	ug/l	99
90) Hexachloroethane	13.39	117	91871	50.16	ug/l	86
91) 1,2-Dichlorobenzene	13.18	146	156553	46.17	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	16577	49.42	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	144003	47.21	ug/l	96
94) Hexachlorobutadiene	14.42	225	109502	46.29	ug/l	98
95) Naphthalene	14.51	128	219644	48.63	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	128908	48.32	ug/l	98

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

