

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059717.D
 Acq On : 9 Aug 2018 14:51
 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 10 01:16:03 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	5.63	168	179496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	224311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	182039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	98566	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	140206	60.72	ug/l	0.01
Spiked Amount			Recovery	=	121.44%	
35) Dibromofluoromethane	5.54	113	108946	54.07	ug/l	0.01
Spiked Amount			Recovery	=	108.14%	
50) Toluene-d8	8.71	98	221062	50.41	ug/l	0.01
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.92	95	106849	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	135467	53.77	ug/l	99
3) Chloromethane	1.47	50	56275	50.13	ug/l	91
4) Vinyl Chloride	1.54	62	70835	54.04	ug/l	92
5) Bromomethane	1.77	94	34170	79.21	ug/l	97
6) Chloroethane	1.87	64	35323	66.30	ug/l	94
7) Trichlorofluoromethane	2.07	101	130180	60.93	ug/l	98
8) Diethyl Ether	2.33	74	23335	59.63	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.54	101	67335	55.80	ug/l	96
10) Methyl Iodide	2.68	142	77082	55.56	ug/l	95
11) Tert butyl alcohol	3.26	59	23070	274.58	ug/l	96
12) 1,1-Dichloroethene	2.53	96	49081	55.66	ug/l	98
13) Acrolein	2.46	56	22981	291.21	ug/l	94
14) Allyl chloride	2.90	41	107752	53.41	ug/l	98
15) Acrylonitrile	3.35	53	58833	252.46	ug/l	94
16) Acetone	2.60	43	136135	313.86	ug/l	96
17) Carbon Disulfide	2.74	76	182465	57.28	ug/l	99
18) Methyl Acetate	2.92	43	41046	51.21	ug/l #	91
19) Methyl tert-butyl Ether	3.39	73	191955	57.05	ug/l	97
20) Methylene Chloride	3.05	84	57831	49.06	ug/l	89
21) trans-1,2-Dichloroethene	3.38	96	61769	53.52	ug/l	96
22) Diisopropyl ether	4.05	45	221063	46.58	ug/l	92
23) Vinyl Acetate	4.01	43	766772	254.86	ug/l	99
24) 1,1-Dichloroethane	3.96	63	154382	49.15	ug/l	98
25) 2-Butanone	4.82	43	149419	262.28	ug/l	94
26) 2,2-Dichloropropane	4.78	77	195330	58.23	ug/l	92
27) cis-1,2-Dichloroethene	4.79	96	74376	44.38	ug/l	80
28) Bromochloromethane	5.14	49	56676	48.87	ug/l	83
29) Tetrahydrofuran	5.18	42	51278	232.42	ug/l	96
30) Chloroform	5.31	83	199968	52.23	ug/l	100
31) Cyclohexane	5.58	56	93782	45.22	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	210474	56.52	ug/l	95
36) 1,1-Dichloropropene	5.74	75	129066	51.76	ug/l	95
37) Ethyl Acetate	4.91	43	67420	55.68	ug/l #	96
38) Carbon Tetrachloride	5.72	117	205916	61.70	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	101183	48.01	ug/l	91
40) Benzene	6.00	78	220492	45.59	ug/l	97
41) Methacrylonitrile	5.11	41	28908	51.06	ug/l	91
42) 1,2-Dichloroethane	6.12	62	181566	60.73	ug/l	98
43) Isopropyl Acetate	7.61	43	80812	51.06	ug/l	94
44) Trichloroethene	6.98	130	90934	51.46	ug/l	99
45) 1,2-Dichloropropane	7.34	63	61064	47.82	ug/l	96
46) Dibromomethane	7.46	93	59376	53.65	ug/l	90
47) Bromodichloromethane	7.73	83	155714	55.24	ug/l	99
48) Methyl methacrylate	7.50	41	58011	55.54	ug/l	89
49) 1,4-Dioxane	7.49	88	8466	932.13	ug/l #	73
51) 4-Methyl-2-Pentanone	8.59	43	331575	287.29	ug/l	98
52) Toluene	8.80	92	150722	48.85	ug/l	94
53) t-1,3-Dichloropropene	9.18	75	134368	56.34	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	128713	52.40	ug/l	90
55) 1,1,2-Trichloroethane	9.45	97	55393	46.75	ug/l	91
56) Ethyl methacrylate	9.31	69	70851	54.19	ug/l	90
57) 1,3-Dichloropropane	9.66	76	95511	51.94	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	158630	254.67	ug/l	96
59) 2-Hexanone	9.78	43	252866	291.76	ug/l	99
60) Dibromochloromethane	9.96	129	112602	59.80	ug/l	94
61) 1,2-Dibromoethane	10.09	107	75450	55.37	ug/l	97
64) Tetrachloroethene	9.51	164	86862	50.40	ug/l	96
65) Chlorobenzene	10.72	112	190848	49.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	93111	55.36	ug/l	97
67) Ethyl Benzene	10.85	91	335788	48.60	ug/l	99
68) m/p-Xylenes	11.01	106	223237	101.01	ug/l	90
69) o-Xylene	11.40	106	99872	46.48	ug/l	99
70) Styrene	11.43	104	176087	48.83	ug/l	95
71) Bromoform	11.60	173	81625	64.42	ug/l	99
73) Isopropylbenzene	11.77	105	353288	53.33	ug/l	97
74) N-amyl acetate	11.64	43	110268	52.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	62997	47.39	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	79883	52.43	ug/l	98
77) Bromobenzene	12.04	156	103348	53.53	ug/l	84
78) n-propylbenzene	12.15	91	409534	49.89	ug/l	100
79) 2-Chlorotoluene	12.22	91	259050	52.25	ug/l	93
80) 1,3,5-Trimethylbenzene	12.32	105	294778	53.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.85	75	19933	53.60	ug/l	93
82) 4-Chlorotoluene	12.33	91	296528	51.09	ug/l	86
83) tert-Butylbenzene	12.57	119	331734	53.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	307230	52.54	ug/l	98
85) sec-Butylbenzene	12.75	105	357135	52.07	ug/l	95
86) p-Isopropyltoluene	12.89	119	324603	55.50	ug/l	94
87) 1,3-Dichlorobenzene	12.84	146	169826	50.96	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	171745	51.66	ug/l	96
89) n-Butylbenzene	13.19	91	298359	50.31	ug/l	97
90) Hexachloroethane	13.40	117	88768	58.56	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	142371	50.73	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	17929	64.58	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	136646	54.13	ug/l	98
94) Hexachlorobutadiene	14.43	225	108762	55.55	ug/l	100
95) Naphthalene	14.51	128	177216	47.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	117679	53.29	ug/l	98

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

