

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061918\
 Data File : VD058198.D
 Acq On : 19 Jun 2018 16:59
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 20 05:02:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:00:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	903743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1180103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	957859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	476936	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	498967	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
35) Dibromofluoromethane	5.55	113	512181	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
50) Toluene-d8	8.71	98	1252312	55.77	ug/l	0.00
Spiked Amount			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	11.93	95	494293	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	443678	38.14	ug/l	100
3) Chloromethane	1.48	50	199965	34.84	ug/l	100
4) Vinyl Chloride	1.55	62	229686	40.97	ug/l	100
5) Bromomethane	1.79	94	82201	38.74	ug/l	100
6) Chloroethane	1.88	64	90178	41.81	ug/l	100
7) Trichlorofluoromethane	2.07	101	310414	40.91	ug/l	100
8) Diethyl Ether	2.34	74	71014	49.13	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.55	101	202799	44.35	ug/l	100
10) Methyl Iodide	2.68	142	245988	41.96	ug/l	100
11) Tert butyl alcohol	3.27	59	78753	317.40	ug/l	100
12) 1,1-Dichloroethene	2.54	96	153544	43.68	ug/l	100
13) Acrolein	2.47	56	30013	96.44	ug/l	100
14) Allyl chloride	2.91	41	369494	45.00	ug/l	100
15) Acrylonitrile	3.35	53	211560	159.64	ug/l	100
16) Acetone	2.61	43	334619	256.76	ug/l	100
17) Carbon Disulfide	2.75	76	508512	40.36	ug/l	100
18) Methyl Acetate	2.93	43	134467	52.07	ug/l	100
19) Methyl tert-butyl Ether	3.40	73	428037	29.16	ug/l	100
20) Methylene Chloride	3.06	84	167318	38.26	ug/l	100
21) trans-1,2-Dichloroethene	3.38	96	160776	22.20	ug/l	100
22) Diisopropyl ether	4.07	45	1434501	44.52	ug/l	100
23) Vinyl Acetate	4.01	43	4118511	245.11	ug/l	100
24) 1,1-Dichloroethane	3.96	63	761120	42.92	ug/l	100
25) 2-Butanone	4.84	43	715671	244.70	ug/l	100
26) 2,2-Dichloropropane	4.79	77	630371	43.24	ug/l	100
27) cis-1,2-Dichloroethene	4.80	96	416649	44.51	ug/l	100
28) Bromochloromethane	5.15	49	363478	46.88	ug/l	100
29) Tetrahydrofuran	5.18	42	398346	256.53	ug/l	100
30) Chloroform	5.32	83	813800	45.34	ug/l	100
31) Cyclohexane	5.59	56	612018	39.96	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	680677	45.29	ug/l	100
36) 1,1-Dichloropropene	5.75	75	562979	44.18	ug/l	100
37) Ethyl Acetate	4.92	43	357189	50.19	ug/l	100
38) Carbon Tetrachloride	5.72	117	576195	45.72	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	551182	43.97	ug/l	100
40) Benzene	6.01	78	1330524	44.67	ug/l	100
41) Methacrylonitrile	5.13	41	161236	49.96	ug/l	100
42) 1,2-Dichloroethane	6.13	62	567959	47.02	ug/l	100
43) Isopropyl Acetate	7.62	43	487904	52.37	ug/l	100
44) Trichloroethene	6.98	130	405164	46.55	ug/l	100
45) 1,2-Dichloropropane	7.35	63	379303	45.83	ug/l	100
46) Dibromomethane	7.46	93	268255	49.72	ug/l	100
47) Bromodichloromethane	7.74	83	587972	47.28	ug/l	100
48) Methyl methacrylate	7.51	41	285997	50.09	ug/l	100
49) 1,4-Dioxane	7.49	88	56862	1163.92	ug/l	100
51) 4-Methyl-2-Pentanone	8.60	43	1555081	259.95	ug/l	100
52) Toluene	8.81	92	759779	44.41	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	521346	48.17	ug/l	100
54) cis-1,3-Dichloropropene	8.36	75	624403	49.11	ug/l	100
55) 1,1,2-Trichloroethane	9.46	97	282440	50.06	ug/l	100
56) Ethyl methacrylate	9.31	69	360955	52.08	ug/l	100
57) 1,3-Dichloropropane	9.66	76	468491	47.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	892363	253.90	ug/l	100
59) 2-Hexanone	9.79	43	1102316	252.72	ug/l	100
60) Dibromochloromethane	9.96	129	404248	51.12	ug/l	100
61) 1,2-Dibromoethane	10.10	107	324555	50.13	ug/l	100
64) Tetrachloroethene	9.52	164	394641	46.67	ug/l	100
65) Chlorobenzene	10.73	112	856266	44.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	348797	47.61	ug/l	100
67) Ethyl Benzene	10.86	91	1495732	43.71	ug/l	100
68) m/p-Xylenes	11.01	106	972925	86.71	ug/l	100
69) o-Xylene	11.41	106	468735	42.53	ug/l	100
70) Styrene	11.44	104	817740	44.56	ug/l	100
71) Bromoform	11.60	173	308660	54.94	ug/l	100
73) Isopropylbenzene	11.77	105	1389199	44.86	ug/l	100
74) N-amyl acetate	11.64	43	617496	50.89	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.08	83	354610	51.26	ug/l	100
76) 1,2,3-Trichloropropane	12.12	75	374279	51.98	ug/l	100
77) Bromobenzene	12.05	156	428471	46.59	ug/l	100
78) n-propylbenzene	12.15	91	1814039	44.78	ug/l	100
79) 2-Chlorotoluene	12.21	91	1060642	45.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	1103065	45.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	101491	57.24	ug/l	100
82) 4-Chlorotoluene	12.33	91	1158239	45.48	ug/l	100
83) tert-Butylbenzene	12.58	119	1279500	46.67	ug/l	100
84) 1,2,4-Trimethylbenzene	12.63	105	1199547	46.08	ug/l	100
85) sec-Butylbenzene	12.76	105	1529454	46.18	ug/l	100
86) p-Isopropyltoluene	12.88	119	1188335	44.82	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	732294	46.82	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	717958	46.86	ug/l	100
89) n-Butylbenzene	13.20	91	1232891	44.68	ug/l	100
90) Hexachloroethane	13.40	117	334579	49.15	ug/l	100
91) 1,2-Dichlorobenzene	13.20	146	619583	48.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.78	75	60122	56.20	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.34	180	626220	52.25	ug/l	100
94) Hexachlorobutadiene	14.44	225	473840	50.71	ug/l	100
95) Naphthalene	14.52	128	876405	55.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	549039	53.47	ug/l	100

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

