

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058269.D
 Acq On : 22 Jun 2018 00:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 06:18:21 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	5.65	168	876453	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	1162159	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	924708	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	454116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	513439	58.00	ug/l	0.01
Spiked Amount			Recovery	=	116.00%	
35) Dibromofluoromethane	5.55	113	517402	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
50) Toluene-d8	8.71	98	1159706	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.94	95	495001	52.95	ug/l	0.01
Spiked Amount			Recovery	=	105.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	435625	53.45	ug/l	98
3) Chloromethane	1.48	50	190825	49.88	ug/l	100
4) Vinyl Chloride	1.55	62	204723	44.59	ug/l	100
5) Bromomethane	1.80	94	85896	57.19	ug/l	96
6) Chloroethane	1.89	64	99953	61.35	ug/l	100
7) Trichlorofluoromethane	2.08	101	341755	54.29	ug/l	95
8) Diethyl Ether	2.35	74	62957	47.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.56	101	199635	49.88	ug/l	95
10) Methyl Iodide	2.69	142	249256	54.75	ug/l	99
11) Tert butyl alcohol	3.28	59	66432	227.52	ug/l #	92
12) 1,1-Dichloroethene	2.55	96	145438	48.30	ug/l	97
13) Acrolein	2.47	56	21348	128.08	ug/l	89
14) Allyl chloride	2.92	41	339059	48.38	ug/l	98
15) Acrylonitrile	3.36	53	174970	226.00	ug/l	95
16) Acetone	2.62	43	267794	221.19	ug/l	96
17) Carbon Disulfide	2.75	76	456499	44.56	ug/l	99
18) Methyl Acetate	2.94	43	122014	47.26	ug/l	97
19) Methyl tert-butyl Ether	3.42	73	596310	74.66	ug/l	97
20) Methylene Chloride	3.07	84	159947	50.67	ug/l	96
21) trans-1,2-Dichloroethene	3.39	96	189077	57.46	ug/l	84
22) Diisopropyl ether	4.07	45	1338707	48.10	ug/l	91
23) Vinyl Acetate	4.02	43	3688024	247.17	ug/l	99
24) 1,1-Dichloroethane	3.97	63	782098	52.15	ug/l	98
25) 2-Butanone	4.85	43	646440	244.98	ug/l	100
26) 2,2-Dichloropropane	4.80	77	601935	47.94	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	434841	52.88	ug/l	95
28) Bromochloromethane	5.16	49	344312	51.22	ug/l #	94
29) Tetrahydrofuran	5.19	42	339682	241.85	ug/l	96
30) Chloroform	5.33	83	843906	53.31	ug/l	95
31) Cyclohexane	5.60	56	562408	51.85	ug/l	93
32) 1,1,1-Trichloroethane	5.52	97	693728	53.04	ug/l	99
36) 1,1-Dichloropropene	5.75	75	567275	49.34	ug/l	97
37) Ethyl Acetate	4.93	43	313521	47.86	ug/l	98
38) Carbon Tetrachloride	5.73	117	588120	51.48	ug/l	98

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39) Methylcyclohexane	7.29	83	556148	49.66	ug/l	98
40) Benzene	6.02	78	1326818	48.45	ug/l	99
41) Methacrylonitrile	5.14	41	172946	54.68	ug/l	96
42) 1,2-Dichloroethane	6.14	62	566701	51.32	ug/l	100
43) Isopropyl Acetate	7.63	43	433000	49.58	ug/l #	95
44) Trichloroethene	6.99	130	405985	49.37	ug/l	97
45) 1,2-Dichloropropane	7.35	63	375983	50.98	ug/l	97
46) Dibromomethane	7.47	93	262617	52.16	ug/l	90
47) Bromodichloromethane	7.75	83	608653	53.01	ug/l	98
48) Methyl methacrylate	7.51	41	262693	49.49	ug/l	99
49) 1,4-Dioxane	7.49	88	52116	1087.75	ug/l	93
51) 4-Methyl-2-Pentanone	8.60	43	1374952	241.37	ug/l	98
52) Toluene	8.81	92	702154	45.03	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	496716	49.76	ug/l	99
54) cis-1,3-Dichloropropene	8.37	75	576064	49.22	ug/l	98
55) 1,1,2-Trichloroethane	9.46	97	265818	48.18	ug/l	99
56) Ethyl methacrylate	9.32	69	340651	51.63	ug/l	98
57) 1,3-Dichloropropane	9.67	76	472691	50.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	803775	246.07	ug/l	94
59) 2-Hexanone	9.79	43	1011129	245.65	ug/l	95
60) Dibromochloromethane	9.96	129	401905	53.68	ug/l	93
61) 1,2-Dibromoethane	10.10	107	315530	52.25	ug/l	97
64) Tetrachloroethene	9.52	164	414663	53.29	ug/l	92
65) Chlorobenzene	10.73	112	869265	50.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.86	131	335252	50.22	ug/l	96
67) Ethyl Benzene	10.87	91	1474281	48.28	ug/l	100
68) m/p-Xylenes	11.01	106	967298	94.99	ug/l	99
69) o-Xylene	11.41	106	473284	48.66	ug/l	97
70) Styrene	11.44	104	814323	49.06	ug/l	98
71) Bromoform	11.60	173	289864	54.44	ug/l	98
73) Isopropylbenzene	11.78	105	1394867	51.35	ug/l	99
74) N-amyl acetate	11.65	43	533185	50.77	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	345195	54.61	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	347198	52.37	ug/l	96
77) Bromobenzene	12.05	156	433533	53.30	ug/l	98
78) n-propylbenzene	12.16	91	1822765	51.96	ug/l	98
79) 2-Chlorotoluene	12.21	91	1047095	52.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1073341	50.66	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.85	75	78985	48.84	ug/l	89
82) 4-Chlorotoluene	12.33	91	1129367	58.68	ug/l	98
83) tert-Butylbenzene	12.58	119	1237076	50.79	ug/l	95
84) 1,2,4-Trimethylbenzene	12.63	105	1167004	50.67	ug/l	100
85) sec-Butylbenzene	12.76	105	1481626	51.89	ug/l	99
86) p-Isopropyltoluene	12.88	119	1201557	51.93	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	703588	49.77	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	681332	49.35	ug/l	97
89) n-Butylbenzene	13.20	91	1271660	52.30	ug/l	98
90) Hexachloroethane	13.41	117	318656	53.06	ug/l	97
91) 1,2-Dichlorobenzene	13.20	146	612154	50.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.78	75	56285	55.95	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	551184	47.90	ug/l	98
94) Hexachlorobutadiene	14.44	225	463698	51.52	ug/l	98
95) Naphthalene	14.52	128	778178	51.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	524420	52.06	ug/l	97

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

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