

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072618\
 Data File : VD059603.D
 Acq On : 26 Jul 2018 13:57
 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: Jul 26 14:15:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	155110	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	199930	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	160856	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	81122	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	95069	48.75	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.53	113	88451	51.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	8.70	98	191050	49.11	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.92	95	86769	49.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	87579	51.38	ug/l	94
3) Chloromethane	1.47	50	39530	40.78	ug/l	99
4) Vinyl Chloride	1.55	62	48991	48.56	ug/l	100
5) Bromomethane	1.77	94	12509	64.63	ug/l	88
6) Chloroethane	1.86	64	23895	80.96	ug/l	96
7) Trichlorofluoromethane	2.07	101	99891	58.04	ug/l	94
8) Diethyl Ether	2.33	74	16602	50.96	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.54	101	50298	55.46	ug/l	95
10) Methyl Iodide	2.68	142	58582	49.79	ug/l	94
11) Tert butyl alcohol	3.25	59	18449	237.15	ug/l #	89
12) 1,1-Dichloroethene	2.53	96	36765	55.93	ug/l	98
13) Acrolein	2.45	56	9233	230.37	ug/l #	79
14) Allyl chloride	2.90	41	84009	52.71	ug/l	98
15) Acrylonitrile	3.34	53	48161	285.46	ug/l	97
16) Acetone	2.60	43	82231	279.24	ug/l	95
17) Carbon Disulfide	2.74	76	134955	51.69	ug/l	99
18) Methyl Acetate	2.91	43	30287	51.43	ug/l	95
19) Methyl tert-butyl Ether	3.38	73	162702	73.84	ug/l	97
20) Methylene Chloride	3.05	84	40943	48.76	ug/l	93
21) trans-1,2-Dichloroethene	3.37	96	58628	82.71	ug/l	94
22) Diisopropyl ether	4.05	45	200370	47.81	ug/l	99
23) Vinyl Acetate	3.99	43	630068	236.87	ug/l	100
24) 1,1-Dichloroethane	3.96	63	132047	49.91	ug/l	97
25) 2-Butanone	4.82	43	101992	227.11	ug/l	98
26) 2,2-Dichloropropane	4.78	77	143844	53.08	ug/l	100
27) cis-1,2-Dichloroethene	4.78	96	68208	48.17	ug/l	90
28) Bromochloromethane	5.13	49	54412	51.97	ug/l #	94
29) Tetrahydrofuran	5.17	42	45786	220.19	ug/l	99
30) Chloroform	5.30	83	162137	51.24	ug/l	98
31) Cyclohexane	5.58	56	86906	51.34	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	159703	52.13	ug/l	98
36) 1,1-Dichloropropene	5.73	75	105474	52.57	ug/l	97
37) Ethyl Acetate	4.91	43	50738	49.16	ug/l	96
38) Carbon Tetrachloride	5.71	117	143414	52.20	ug/l	97

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39) Methylcyclohexane	7.27	83	92799	50.30	ug/l	99
40) Benzene	6.00	78	202501	49.22	ug/l	98
41) Methacrylonitrile	5.11	41	26247	50.96	ug/l	90
42) 1,2-Dichloroethane	6.11	62	125519	50.64	ug/l	100
43) Isopropyl Acetate	7.61	43	71200	49.75	ug/l	99
44) Trichloroethene	6.97	130	80043	53.64	ug/l	96
45) 1,2-Dichloropropane	7.34	63	57029	49.50	ug/l	100
46) Dibromomethane	7.45	93	50093	51.44	ug/l	94
47) Bromodichloromethane	7.73	83	123012	52.89	ug/l	99
48) Methyl methacrylate	7.50	41	48594	51.20	ug/l	97
49) 1,4-Dioxane	7.48	88	8553	964.25	ug/l #	91
51) 4-Methyl-2-Pentanone	8.59	43	218441	228.59	ug/l	98
52) Toluene	8.80	92	136903	50.18	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	104480	49.80	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	105020	50.41	ug/l	94
55) 1,1,2-Trichloroethane	9.44	97	50534	49.31	ug/l	98
56) Ethyl methacrylate	9.31	69	59446	51.12	ug/l	98
57) 1,3-Dichloropropane	9.66	76	78731	48.35	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.18	63	128248	234.72	ug/l	96
59) 2-Hexanone	9.78	43	163621	215.56	ug/l	97
60) Dibromochloromethane	9.95	129	87464	51.41	ug/l	96
61) 1,2-Dibromoethane	10.08	107	59559	49.04	ug/l	99
64) Tetrachloroethene	9.50	164	74670	51.23	ug/l	94
65) Chlorobenzene	10.71	112	160103	48.55	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.84	131	73601	51.31	ug/l	96
67) Ethyl Benzene	10.85	91	289400	51.05	ug/l	96
68) m/p-Xylenes	11.01	106	185755	98.12	ug/l	93
69) o-Xylene	11.40	106	90469	49.25	ug/l	93
70) Styrene	11.43	104	158703	52.11	ug/l	96
71) Bromoform	11.60	173	58305	49.92	ug/l #	97
73) Isopropylbenzene	11.77	105	274071	47.82	ug/l	100
74) N-amyl acetate	11.64	43	89391	45.53	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	56213	48.04	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	64683	48.22	ug/l	96
77) Bromobenzene	12.03	156	81925	48.83	ug/l	95
78) n-propylbenzene	12.15	91	353837	50.82	ug/l	98
79) 2-Chlorotoluene	12.21	91	209341	50.43	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	228740	50.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	15428	44.98	ug/l	91
82) 4-Chlorotoluene	12.33	91	239813	51.08	ug/l	96
83) tert-Butylbenzene	12.57	119	255729	50.20	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	231709	48.17	ug/l	100
85) sec-Butylbenzene	12.75	105	276817	47.56	ug/l	96
86) p-Isopropyltoluene	12.88	119	238698	48.66	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	137919	48.61	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	133712	48.91	ug/l	98
89) n-Butylbenzene	13.19	91	225469	47.60	ug/l	96
90) Hexachloroethane	13.40	117	68236	52.05	ug/l	96
91) 1,2-Dichlorobenzene	13.19	146	103589	43.51	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	12447	52.77	ug/l	79

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93) 1,2,4-Trichlorobenzene	14.33	180	99541	50.49	ug/l	98
94) Hexachlorobutadiene	14.43	225	81035	52.11	ug/l	100
95) Naphthalene	14.51	128	131745	46.99	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	83722	46.93	ug/l	97

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

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