

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059508.D
 Acq On : 2 Jul 2018 17:35
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 03 00:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	611502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	871954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	696528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	363239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	81367	12.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.46%	
35) Dibromofluoromethane	5.53	113	76987	10.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	21.40%	
50) Toluene-d8	8.69	98	184771	10.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.94%	
62) 4-Bromofluorobenzene	11.92	95	78559	11.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.46%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.33	85	75195	12.28	ug/l	97
3) Chloromethane	1.48	50	34226	11.16	ug/l	99
4) Vinyl Chloride	1.54	62	31760	9.95	ug/l	98
5) Bromomethane	1.78	94	15191	12.39	ug/l	85
6) Chloroethane	1.87	64	17392	12.90	ug/l #	87
7) Trichlorofluoromethane	2.06	101	63001	13.49	ug/l	97
8) Diethyl Ether	2.33	74	10136	9.97	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.54	101	35711	12.34	ug/l #	91
10) Methyl Iodide	2.67	142	27937	8.42	ug/l #	95
11) Tert butyl alcohol	3.25	59	14154	63.49	ug/l #	78
12) 1,1-Dichloroethene	2.53	96	25202	11.26	ug/l	89
13) Acrolein	2.46	56	10911	59.60	ug/l	94
14) Allyl chloride	2.90	41	59031	11.69	ug/l	96
15) Acrylonitrile	3.33	53	34470	50.16	ug/l	97
16) Acetone	2.60	43	50530	59.09	ug/l	97
17) Carbon Disulfide	2.73	76	68288	9.77	ug/l	98
18) Methyl Acetate	2.92	43	24442	11.83	ug/l	92
19) Methyl tert-butyl Ether	3.38	73	69732	7.24	ug/l	97
20) Methylene Chloride	3.05	84	37294	13.70	ug/l	86
21) trans-1,2-Dichloroethene	3.36	96	29534	8.26	ug/l	98
22) Diisopropyl ether	4.05	45	221726	11.81	ug/l	98
23) Vinyl Acetate	3.99	43	612658	61.44	ug/l	99
24) 1,1-Dichloroethane	3.94	63	132005	12.23	ug/l	98
25) 2-Butanone	4.81	43	113130	63.60	ug/l	100
26) 2,2-Dichloropropane	4.77	77	105341	12.51	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	66023	10.36	ug/l	95
28) Bromochloromethane	5.12	49	55566	12.67	ug/l	89
29) Tetrahydrofuran	5.17	42	55546	57.71	ug/l	99
30) Chloroform	5.30	83	133626	11.50	ug/l	93
31) Cyclohexane	5.57	56	97411	11.95	ug/l	90
32) 1,1,1-Trichloroethane	5.48	97	104386	11.18	ug/l	98
36) 1,1-Dichloropropene	5.73	75	96798	11.61	ug/l	91
37) Ethyl Acetate	4.91	43	53443	10.78	ug/l	98
38) Carbon Tetrachloride	5.70	117	87788	10.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	82839	10.46	ug/l	96
40) Benzene	5.99	78	220759	11.05	ug/l	98
41) Methacrylonitrile	5.11	41	26907	11.15	ug/l #	83
42) 1,2-Dichloroethane	6.10	62	97782	11.16	ug/l	97
43) Isopropyl Acetate	7.60	43	67664	10.72	ug/l #	89
44) Trichloroethene	6.96	130	63961	9.87	ug/l	98
45) 1,2-Dichloropropane	7.33	63	59801	10.87	ug/l	94
46) Dibromomethane	7.45	93	41700	10.70	ug/l	98
47) Bromodichloromethane	7.72	83	91768	10.46	ug/l	99
48) Methyl methacrylate	7.49	41	43054	11.10	ug/l	91
49) 1,4-Dioxane	7.48	88	7412	192.11	ug/l #	89
51) 4-Methyl-2-Pentanone	8.58	43	240651	57.50	ug/l	98
52) Toluene	8.79	92	123236	10.47	ug/l	97
53) t-1,3-Dichloropropene	9.17	75	80762	10.80	ug/l	92
54) cis-1,3-Dichloropropene	8.35	75	94385	10.90	ug/l	94
55) 1,1,2-Trichloroethane	9.44	97	46687	11.06	ug/l	98
56) Ethyl methacrylate	9.30	69	53251	10.85	ug/l	91
57) 1,3-Dichloropropane	9.64	76	79185	11.27	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.18	63	118564	47.00	ug/l	94
59) 2-Hexanone	9.77	43	171434	57.86	ug/l	98
60) Dibromochloromethane	9.94	129	56392	9.46	ug/l	95
61) 1,2-Dibromoethane	10.08	107	47264	9.96	ug/l	97
64) Tetrachloroethene	9.50	164	61459	9.87	ug/l	94
65) Chlorobenzene	10.71	112	146061	11.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	60020	12.12	ug/l	94
67) Ethyl Benzene	10.85	91	251599	11.46	ug/l	100
68) m/p-Xylenes	11.00	106	169682	23.13	ug/l	94
69) o-Xylene	11.40	106	81638	11.31	ug/l	93
70) Styrene	11.43	104	140534	11.46	ug/l	92
71) Bromoform	11.59	173	39615	9.62	ug/l	95
73) Isopropylbenzene	11.76	105	227104	10.71	ug/l	98
74) N-amyl acetate	11.64	43	91912	11.15	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	59144	11.67	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	61157	11.64	ug/l	94
77) Bromobenzene	12.04	156	69125	10.41	ug/l	88
78) n-propylbenzene	12.15	91	305977	11.25	ug/l	97
79) 2-Chlorotoluene	12.20	91	182631	11.51	ug/l	94
80) 1,3,5-Trimethylbenzene	12.31	105	185444	10.91	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.84	75	12437	10.17	ug/l #	84
82) 4-Chlorotoluene	12.32	91	211792	11.67	ug/l	90
83) tert-Butylbenzene	12.57	119	209192	11.44	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	195158	10.89	ug/l	100
85) sec-Butylbenzene	12.76	105	240261	11.04	ug/l	98
86) p-Isopropyltoluene	12.88	119	199511	11.13	ug/l	94
87) 1,3-Dichlorobenzene	12.83	146	120665	10.91	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	115826	10.64	ug/l	99
89) n-Butylbenzene	13.19	91	198594	11.11	ug/l	97
90) Hexachloroethane	13.40	117	50502	11.22	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	102823	10.96	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	7754	9.31	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	88563	10.39	ug/l	95
94) Hexachlorobutadiene	14.43	225	63019	9.82	ug/l	96
95) Naphthalene	14.51	128	122372	10.07	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	77426	10.09	ug/l	97

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

