

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059507.D
 Acq On : 2 Jul 2018 17:06
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 03 01:35:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 01:26:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	617643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	890660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	715314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	384400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	35485	4.54	ug/l	0.00
Spiked Amount			Recovery	=	9.08%	
35) Dibromofluoromethane	5.52	113	33862	4.49	ug/l	0.00
Spiked Amount			Recovery	=	8.98%	
50) Toluene-d8	8.69	98	80488	4.63	ug/l	0.00
Spiked Amount			Recovery	=	9.26%	
62) 4-Bromofluorobenzene	11.92	95	36914	4.99	ug/l	0.00
Spiked Amount			Recovery	=	9.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	33768	4.43	ug/l	96
3) Chloromethane	1.47	50	19910	5.53	ug/l	89
4) Vinyl Chloride	1.53	62	17334	4.76	ug/l	89
5) Bromomethane	1.78	94	7983	5.72	ug/l	89
6) Chloroethane	1.86	64	9280	5.81	ug/l #	86
7) Trichlorofluoromethane	2.06	101	32821	5.62	ug/l	98
8) Diethyl Ether	2.32	74	5963	5.31	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.53	101	19043	5.34	ug/l	98
10) Methyl Iodide	2.68	142	14576	3.99	ug/l #	79
11) Tert butyl alcohol	3.25	59	7564	29.49	ug/l #	72
12) 1,1-Dichloroethene	2.52	96	15414	5.66	ug/l	81
13) Acrolein	2.45	56	2499	16.57	ug/l #	63
14) Allyl chloride	2.89	41	31249	5.13	ug/l	95
15) Acrylonitrile	3.33	53	17887	24.59	ug/l #	72
16) Acetone	2.59	43	30863	30.13	ug/l	96
17) Carbon Disulfide	2.73	76	38142	4.45	ug/l	99
18) Methyl Acetate	2.91	43	15553	6.68	ug/l	96
19) Methyl tert-butyl Ether	3.37	73	38179	4.89	ug/l	96
20) Methylene Chloride	3.04	84	39858	11.61	ug/l #	87
21) trans-1,2-Dichloroethene	3.36	96	15797	4.77	ug/l	84
22) Diisopropyl ether	4.03	45	118894	5.41	ug/l	95
23) Vinyl Acetate	3.98	43	282830	23.40	ug/l	99
24) 1,1-Dichloroethane	3.95	63	64817	5.14	ug/l	99
25) 2-Butanone	4.81	43	60699	28.26	ug/l	96
26) 2,2-Dichloropropane	4.77	77	54698	5.36	ug/l	87
27) cis-1,2-Dichloroethene	4.77	96	36910	5.42	ug/l	97
28) Bromochloromethane	5.12	49	24856	5.21	ug/l #	83
29) Tetrahydrofuran	5.17	42	30191	27.37	ug/l	96
30) Chloroform	5.29	83	69981	5.26	ug/l	97
31) Cyclohexane	5.56	56	65912	6.90	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	53635	5.06	ug/l	96
36) 1,1-Dichloropropene	5.72	75	54528	5.81	ug/l	97
37) Ethyl Acetate	4.90	43	27971	5.30	ug/l	97
38) Carbon Tetrachloride	5.70	117	52162	5.71	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	46392	5.34	ug/l	95
40) Benzene	5.98	78	121757	5.63	ug/l	98
41) Methacrylonitrile	5.10	41	14606	5.55	ug/l #	89
42) 1,2-Dichloroethane	6.10	62	49916	5.17	ug/l	94
43) Isopropyl Acetate	7.60	43	34737	5.04	ug/l #	90
44) Trichloroethene	6.96	130	35781	5.29	ug/l	99
45) 1,2-Dichloropropane	7.32	63	34938	5.86	ug/l #	86
46) Dibromomethane	7.43	93	20793	5.06	ug/l	95
47) Bromodichloromethane	7.72	83	47243	4.98	ug/l	92
48) Methyl methacrylate	7.48	41	21585	5.07	ug/l #	86
49) 1,4-Dioxane	7.47	88	3762	92.18	ug/l #	83
51) 4-Methyl-2-Pentanone	8.57	43	112404	24.68	ug/l	98
52) Toluene	8.78	92	66648	5.50	ug/l	94
53) t-1,3-Dichloropropene	9.16	75	40344	4.88	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	48677	5.10	ug/l	98
55) 1,1,2-Trichloroethane	9.44	97	24155	5.50	ug/l #	84
56) Ethyl methacrylate	9.29	69	28949	5.36	ug/l	92
57) 1,3-Dichloropropane	9.64	76	42797	5.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.17	63	76876	29.17	ug/l	99
59) 2-Hexanone	9.76	43	86950	26.36	ug/l	93
60) Dibromochloromethane	9.94	129	29118	4.71	ug/l	84
61) 1,2-Dibromoethane	10.08	107	25675	5.26	ug/l #	78
64) Tetrachloroethene	9.50	164	34158	5.49	ug/l	92
65) Chlorobenzene	10.71	112	73488	5.36	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.84	131	27426	5.00	ug/l	94
67) Ethyl Benzene	10.85	91	138986	5.83	ug/l	98
68) m/p-Xylenes	10.99	106	97255	12.58	ug/l	83
69) o-Xylene	11.40	106	44150	5.85	ug/l	87
70) Styrene	11.42	104	76234	6.02	ug/l	96
71) Bromoform	11.59	173	19015	4.57	ug/l	94
73) Isopropylbenzene	11.76	105	118938	5.19	ug/l	94
74) N-amyl acetate	11.63	43	43195	4.51	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	32260	5.65	ug/l	95
76) 1,2,3-Trichloropropane	12.10	75	32374	5.35	ug/l	96
77) Bromobenzene	12.03	156	37476	5.25	ug/l	94
78) n-propylbenzene	12.15	91	161341	5.28	ug/l	97
79) 2-Chlorotoluene	12.20	91	95518	5.37	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	101648	5.49	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.83	75	6459	4.41	ug/l	90
82) 4-Chlorotoluene	12.31	91	113550	5.61	ug/l	96
83) tert-Butylbenzene	12.57	119	109686	5.35	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	108288	5.49	ug/l	98
85) sec-Butylbenzene	12.75	105	132093	5.49	ug/l	98
86) p-Isopropyltoluene	12.87	119	111613	5.59	ug/l	96
87) 1,3-Dichlorobenzene	12.83	146	63472	5.18	ug/l	98
88) 1,4-Dichlorobenzene	12.91	146	66644	5.63	ug/l	91
89) n-Butylbenzene	13.19	91	115688	5.69	ug/l	99
90) Hexachloroethane	13.40	117	23925	4.62	ug/l #	57
91) 1,2-Dichlorobenzene	13.18	146	57343	5.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.76	75	5948	6.35	ug/l #	57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	48639	5.35	ug/l	95
94) Hexachlorobutadiene	14.43	225	34734	4.95	ug/l	91
95) Naphthalene	14.51	128	68352	5.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	39231	4.83	ug/l	98

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

