

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057991.D
 Acq On : 8 Jun 2018 2:12
 Operator : JC/SY
 Sample : VD0607SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS02

Quant Time: Jun 08 02:34:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	989608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1297925	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	1073603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	545656	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	498445	50.38	ug/l	0.00
Spiked Amount						
			Recovery	=	100.76%	
35) Dibromofluoromethane	5.54	113	496205	49.41	ug/l	-0.02
Spiked Amount						
			Recovery	=	98.82%	
50) Toluene-d8	8.70	98	1151193	48.22	ug/l	0.00
Spiked Amount						
			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.92	95	493098	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	261541	19.692	ug/l	100
3) Chloromethane	1.50	50	140288	21.446	ug/l	97
4) Vinyl Chloride	1.57	62	127412	20.122	ug/l	91
5) Bromomethane	1.80	94	43630	17.581	ug/l	86
6) Chloroethane	1.89	64	39623	15.861	ug/l	95
7) Trichlorofluoromethane	2.09	101	152116	17.575	ug/l	98
8) Diethyl Ether	2.35	74	35101	21.831	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.56	101	105426	20.421	ug/l	95
10) Methyl Iodide	2.70	142	123091	18.478	ug/l	93
11) Tert butyl alcohol	3.28	59	28244	106.566	ug/l #	93
12) 1,1-Dichloroethene	2.55	96	86200	21.718	ug/l	94
13) Acrolein	2.48	56	41277	108.747	ug/l	98
14) Allyl chloride	2.92	41	187045	20.429	ug/l	99
15) Acrylonitrile	3.37	53	172431	111.209	ug/l	94
16) Acetone	2.62	43	134650	94.464	ug/l	98
17) Carbon Disulfide	2.76	76	288734	20.081	ug/l	98
18) Methyl Acetate	2.94	43	63328	22.966	ug/l	98
19) Methyl tert-butyl Ether	3.41	73	380706	21.799	ug/l	95
20) Methylene Chloride	3.07	84	101038	24.912	ug/l	97
21) trans-1,2-Dichloroethene	3.40	96	179103	20.260	ug/l	92
22) Diisopropyl ether	4.07	45	765662	21.109	ug/l	89
23) Vinyl Acetate	4.02	43	2015173	107.527	ug/l	98
24) 1,1-Dichloroethane	3.98	63	409449	20.539	ug/l	99
25) 2-Butanone	4.83	43	341117	105.302	ug/l	98
26) 2,2-Dichloropropane	4.80	77	303343	18.472	ug/l	91
27) cis-1,2-Dichloroethene	4.81	96	220159	20.998	ug/l	91
28) Bromochloromethane	5.15	49	198143	22.965	ug/l	92
29) Tetrahydrofuran	5.18	42	193401	113.891	ug/l	99
30) Chloroform	5.32	83	418393	20.854	ug/l	98
31) Cyclohexane	5.59	56	333335	19.376	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	332054	19.767	ug/l	96
36) 1,1-Dichloropropene	5.74	75	292975	20.488	ug/l	98
37) Ethyl Acetate	4.92	43	193922	24.853	ug/l	98
38) Carbon Tetrachloride	5.72	117	280687	19.917	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	282793	19.949	ug/l	97
40) Benzene	6.02	78	707779	21.188	ug/l	99
41) Methacrylonitrile	5.12	41	81804	22.929	ug/l	95
42) 1,2-Dichloroethane	6.12	62	297649	22.038	ug/l	100
43) Isopropyl Acetate	7.61	43	227105	22.221	ug/l #	98
44) Trichloroethene	6.98	130	208481	21.366	ug/l	91
45) 1,2-Dichloropropane	7.34	63	197926	21.318	ug/l	96
46) Dibromomethane	7.45	93	131642	22.072	ug/l	97
47) Bromodichloromethane	7.74	83	299427	21.442	ug/l	99
48) Methyl methacrylate	7.49	41	137836	21.912	ug/l	94
49) 1,4-Dioxane	7.48	88	24029	461.108	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	775509	118.302	ug/l	98
52) Toluene	8.79	92	417594	21.782	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	258566	21.491	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	300506	21.201	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	132358	21.332	ug/l	94
56) Ethyl methacrylate	9.30	69	173138	22.748	ug/l	99
57) 1,3-Dichloropropane	9.66	76	238377	21.905	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.18	63	434214	112.921	ug/l	95
59) 2-Hexanone	9.78	43	536988	111.780	ug/l	100
60) Dibromochloromethane	9.95	129	188022	21.489	ug/l	99
61) 1,2-Dibromoethane	10.08	107	151008	21.163	ug/l	90
64) Tetrachloroethene	9.50	164	198442	20.675	ug/l	95
65) Chlorobenzene	10.71	112	441721	20.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	178018	21.319	ug/l	99
67) Ethyl Benzene	10.85	91	825029	21.011	ug/l	100
68) m/p-Xylenes	11.01	106	548427	42.844	ug/l	97
69) o-Xylene	11.40	106	254586	20.037	ug/l	98
70) Styrene	11.42	104	440638	20.949	ug/l	99
71) Bromoform	11.60	173	131293	20.901	ug/l	95
73) Isopropylbenzene	11.77	105	747707	20.688	ug/l	100
74) N-amyl acetate	11.64	43	299894	21.504	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	171159	21.721	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	184518	22.512	ug/l	96
77) Bromobenzene	12.03	156	218687	20.442	ug/l	97
78) n-propylbenzene	12.15	91	980453	20.848	ug/l	99
79) 2-Chlorotoluene	12.21	91	559403	20.850	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	582319	20.660	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.83	75	43861	21.605	ug/l	89
82) 4-Chlorotoluene	12.32	91	611607	21.635	ug/l	100
83) tert-Butylbenzene	12.57	119	605777	19.034	ug/l	98
84) 1,2,4-Trimethylbenzene	12.62	105	621681	20.514	ug/l	100
85) sec-Butylbenzene	12.75	105	756780	19.703	ug/l	100
86) p-Isopropyltoluene	12.88	119	616823	19.925	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	376991	20.832	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	360421	20.441	ug/l	92
89) n-Butylbenzene	13.19	91	678535	21.858	ug/l	100
90) Hexachloroethane	13.40	117	159418	20.176	ug/l	95
91) 1,2-Dichlorobenzene	13.18	146	327337	22.383	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.76	75	26278	21.608	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	274897	20.120	ug/l	98
94) Hexachlorobutadiene	14.43	225	206407	19.206	ug/l	97
95) Naphthalene	14.51	128	371438	21.085	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	239082	20.533	ug/l	97

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

