

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060392.D
 Acq On : 16 Nov 2018 12:25
 Operator : JC/SY
 Sample : VD1116SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBS01

Quant Time: Nov 16 13:38:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1644349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	2265330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1810197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	926869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.82	65	566520	48.12	ug/l	0.02
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	6.35	113	842591	49.88	ug/l	0.02
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	9.47	98	2431439	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.44	95	881803	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	318311	22.125	ug/l	97
3) Chloromethane	1.78	50	335495	21.539	ug/l	97
4) Vinyl Chloride	1.88	62	279550	21.977	ug/l	99
5) Bromomethane	2.17	94	51771	17.155	ug/l	96
6) Chloroethane	2.28	64	80496	19.072	ug/l	99
7) Trichlorofluoromethane	2.54	101	316610	21.112	ug/l	99
8) Diethyl Ether	2.85	74	58034	21.374	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.12	101	216431	21.942	ug/l	97
10) Methyl Iodide	3.27	142	237947	18.573	ug/l	100
11) Tert butyl alcohol	3.99	59	48945	101.236	ug/l #	84
12) 1,1-Dichloroethene	3.11	96	175821	21.914	ug/l	87
13) Acrolein	3.01	56	45884	80.318	ug/l	89
14) Allyl chloride	3.57	41	324692	21.150	ug/l	98
15) Acrylonitrile	4.12	53	267502	94.880	ug/l	98
16) Acetone	3.19	43	206492	101.108	ug/l	100
17) Carbon Disulfide	3.34	76	514739	19.876	ug/l	98
18) Methyl Acetate	3.59	43	88113	20.234	ug/l	98
19) Methyl tert-butyl Ether	4.15	73	466071	19.400	ug/l	98
20) Methylene Chloride	3.76	84	436528	24.095	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	362058	20.323	ug/l	98
22) Diisopropyl ether	4.89	45	1169447	20.390	ug/l	99
23) Vinyl Acetate	4.84	43	2863339	100.331	ug/l	100
24) 1,1-Dichloroethane	4.79	63	606022	20.605	ug/l	99
25) 2-Butanone	5.65	43	405637	95.556	ug/l	97
26) 2,2-Dichloropropane	5.62	77	496885	21.730	ug/l	97
27) cis-1,2-Dichloroethene	5.63	96	384079	20.695	ug/l	97
28) Bromochloromethane	5.95	49	259188	19.972	ug/l	97
29) Tetrahydrofuran	5.98	42	213633	95.453	ug/l	99
30) Chloroform	6.13	83	604576	20.562	ug/l	99
31) Cyclohexane	6.39	56	565691	20.123	ug/l	97
32) 1,1,1-Trichloroethane	6.33	97	507356	20.485	ug/l	97
36) 1,1-Dichloropropene	6.55	75	467809	20.903	ug/l	100
37) Ethyl Acetate	5.73	43	195742	19.007	ug/l	95
38) Carbon Tetrachloride	6.53	117	433217	20.867	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	530389	20.605	ug/l	100
40) Benzene	6.82	78	1204461	21.083	ug/l	99
41) Methacrylonitrile	5.97	41	226728	19.235	ug/l	100
42) 1,2-Dichloroethane	6.93	62	295727	19.777	ug/l	97
43) Isopropyl Acetate	8.37	43	239837	18.540	ug/l #	95
44) Trichloroethene	7.76	130	357387	20.637	ug/l	100
45) 1,2-Dichloropropane	8.13	63	301330	20.914	ug/l	92
46) Dibromomethane	8.24	93	167566	19.857	ug/l	96
47) Bromodichloromethane	8.52	83	402151	20.224	ug/l	99
48) Methyl methacrylate	8.27	41	154768	19.696	ug/l	98
49) 1,4-Dioxane	8.25	88	25336	372.653	ug/l	88
51) 4-Methyl-2-Pentanone	9.37	43	815663	96.875	ug/l	99
52) Toluene	9.57	92	768853	21.069	ug/l	100
53) t-1,3-Dichloropropene	9.94	75	333302	19.838	ug/l	99
54) cis-1,3-Dichloropropene	9.13	75	435316	20.201	ug/l	99
55) 1,1,2-Trichloroethane	10.20	97	202916	19.185	ug/l	97
56) Ethyl methacrylate	10.06	69	189084	19.443	ug/l	99
57) 1,3-Dichloropropane	10.40	76	308386	19.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.94	63	603832	102.689	ug/l	100
59) 2-Hexanone	10.51	43	596338	99.372	ug/l	98
60) Dibromochloromethane	10.66	129	253218	19.694	ug/l	99
61) 1,2-Dibromoethane	10.77	107	207420	19.572	ug/l	96
64) Tetrachloroethene	10.27	164	332968	20.604	ug/l	98
65) Chlorobenzene	11.33	112	799877	20.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	272399	21.226	ug/l	96
67) Ethyl Benzene	11.44	91	1474157	21.971	ug/l	99
68) m/p-Xylenes	11.58	106	1073571	43.376	ug/l	98
69) o-Xylene	11.94	106	503235	21.046	ug/l	97
70) Styrene	11.97	104	804379	20.816	ug/l	99
71) Bromoform	12.13	173	160893	18.658	ug/l	100
73) Isopropylbenzene	12.29	105	1426200	21.120	ug/l	99
74) N-amyl acetate	12.15	43	322295	18.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	204207	18.490	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	215862	19.469	ug/l	98
77) Bromobenzene	12.55	156	357342	19.921	ug/l	95
78) n-propylbenzene	12.65	91	1808217	21.453	ug/l	100
79) 2-Chlorotoluene	12.72	91	942204	20.410	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1080869	20.596	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.36	75	58235	18.449	ug/l	98
82) 4-Chlorotoluene	12.82	91	1078629	20.800	ug/l	96
83) tert-Butylbenzene	13.06	119	1222507	20.982	ug/l	93
84) 1,2,4-Trimethylbenzene	13.11	105	1080216	20.610	ug/l	99
85) sec-Butylbenzene	13.23	105	1528545	21.383	ug/l	97
86) p-Isopropyltoluene	13.35	119	1253687	21.778	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	657399	20.599	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	634487	20.357	ug/l	96
89) n-Butylbenzene	13.66	91	1248329	19.681	ug/l	97
90) Hexachloroethane	13.87	117	274808	20.132	ug/l	84
91) 1,2-Dichlorobenzene	13.68	146	532668	20.321	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24378	18.286	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	400278	19.260	ug/l	98
94) Hexachlorobutadiene	14.89	225	306604	19.723	ug/l	100
95) Naphthalene	14.98	128	468694	18.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	305964	18.372	ug/l	95

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

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