

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063287.D
 Acq On : 1 Aug 2019 11:29
 Operator : VA/AP
 Sample : VD0801SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Quant Time: Aug 02 07:22:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1012922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1359692	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1123693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	658716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	543125	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	6.91	113	604607	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.40	98	1419031	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	13.55	95	607617	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	271296	21.911	ug/l	97
3) Chloromethane	1.73	50	222695	23.150	ug/l #	87
4) Vinyl Chloride	1.84	62	210065	21.094	ug/l	97
5) Bromomethane	2.14	94	94029	18.721	ug/l	98
6) Chloroethane	2.25	64	98764	21.481	ug/l	95
7) Trichlorofluoromethane	2.51	101	422984	21.894	ug/l	94
8) Diethyl Ether	2.87	74	52623	19.462	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.13	101	251242	23.476	ug/l	95
10) Methyl Iodide	3.29	142	289440	18.722	ug/l	93
11) Tert butyl alcohol	4.07	59	44881	90.993	ug/l	95
12) 1,1-Dichloroethene	3.11	96	186966	23.797	ug/l	88
13) Acrolein	3.02	56	42283	89.074	ug/l	100
14) Allyl chloride	3.61	41	263685	21.068	ug/l	90
15) Acrylonitrile	4.19	53	125857	98.421	ug/l	95
16) Acetone	3.21	43	214185	97.808	ug/l	99
17) Carbon Disulfide	3.36	76	541136	20.578	ug/l	100
18) Methyl Acetate	3.63	43	83917	19.950	ug/l #	90
19) Methyl tert-butyl Ether	4.23	73	364321	20.529	ug/l	96
20) Methylene Chloride	3.80	84	179779	20.310	ug/l	93
21) trans-1,2-Dichloroethene	4.21	96	192148	21.797	ug/l	94
22) Diisopropyl ether	5.11	45	498278	19.927	ug/l	96
23) Vinyl Acetate	5.04	43	1498721	97.504	ug/l	99
24) 1,1-Dichloroethane	4.96	63	345052	21.603	ug/l	98
25) 2-Butanone	6.07	43	204320	92.969	ug/l	98
26) 2,2-Dichloropropane	6.02	77	353957	21.504	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	202453	21.420	ug/l	94
28) Bromochloromethane	6.42	49	117078	18.397	ug/l #	87
29) Tetrahydrofuran	6.45	42	92954	89.336	ug/l	94
30) Chloroform	6.65	83	414963	20.935	ug/l	97
31) Cyclohexane	6.93	56	204301	20.407	ug/l	91
32) 1,1,1-Trichloroethane	6.85	97	396158	20.662	ug/l	97
36) 1,1-Dichloropropene	7.14	75	275974	22.240	ug/l	99
37) Ethyl Acetate	6.17	43	106216	19.053	ug/l #	94
38) Carbon Tetrachloride	7.10	117	403319	21.590	ug/l	98

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39) Methylcyclohexane	8.85	83	240779	23.289	ug/l	94
40) Benzene	7.44	78	552230	21.234	ug/l	98
41) Methacrylonitrile	6.43	41	135274	20.285	ug/l #	87
42) 1,2-Dichloroethane	7.56	62	280015	20.316	ug/l	98
43) Isopropyl Acetate	9.24	43	135432	19.018	ug/l #	99
44) Trichloroethene	8.53	130	232376	22.051	ug/l	87
45) 1,2-Dichloropropane	8.93	63	134690	20.376	ug/l #	86
46) Dibromomethane	9.05	93	122648	22.315	ug/l	82
47) Bromodichloromethane	9.36	83	302126	21.564	ug/l	99
48) Methyl methacrylate	9.11	41	99691	21.585	ug/l	94
49) 1,4-Dioxane	9.07	88	17236	438.230	ug/l #	72
51) 4-Methyl-2-Pentanone	10.29	43	494569	102.119	ug/l	99
52) Toluene	10.50	92	388084	22.436	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	244724	20.260	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	280461	22.093	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	131313	22.478	ug/l	93
56) Ethyl methacrylate	11.04	69	126171	19.724	ug/l	92
57) 1,3-Dichloropropane	11.40	76	207750	22.571	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	334161	100.391	ug/l	99
59) 2-Hexanone	11.52	43	359592	103.032	ug/l	90
60) Dibromochloromethane	11.68	129	246539	22.355	ug/l	98
61) 1,2-Dibromoethane	11.80	107	146463	20.318	ug/l	97
64) Tetrachloroethene	11.24	164	206150	23.028	ug/l	93
65) Chlorobenzene	12.40	112	481240	22.266	ug/l	93
66) 1,1,1,2-Tetrachloroethane	12.50	131	230930	24.256	ug/l	95
67) Ethyl Benzene	12.51	91	873741	23.797	ug/l	99
68) m/p-Xylenes	12.66	106	620958	46.116	ug/l	99
69) o-Xylene	13.05	106	255977	20.701	ug/l	99
70) Styrene	13.07	104	453590	20.685	ug/l	97
71) Bromoform	13.23	173	146458	21.154	ug/l	98
73) Isopropylbenzene	13.40	105	850587	20.574	ug/l	96
74) N-amyl acetate	13.26	43	208868	19.111	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	145471	20.714	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	146997	18.579	ug/l	99
77) Bromobenzene	13.67	156	237549	20.170	ug/l	84
78) n-propylbenzene	13.76	91	979544	19.910	ug/l	96
79) 2-Chlorotoluene	13.83	91	586641	20.578	ug/l	96
80) 1,3,5-Trimethylbenzene	13.92	105	768047	21.539	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	39450	17.956	ug/l #	94
82) 4-Chlorotoluene	13.94	91	718534	21.417	ug/l	98
83) tert-Butylbenzene	14.19	119	814019	19.993	ug/l	88
84) 1,2,4-Trimethylbenzene	14.23	105	740109	20.067	ug/l	95
85) sec-Butylbenzene	14.37	105	910394	21.223	ug/l	97
86) p-Isopropyltoluene	14.48	119	860379	21.014	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	412722	19.788	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	444719	21.086	ug/l	95
89) n-Butylbenzene	14.79	91	763587	21.594	ug/l	95
90) Hexachloroethane	15.01	117	212847	19.954	ug/l	78
91) 1,2-Dichlorobenzene	14.80	146	377335	20.764	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24458	17.098	ug/l	58

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	271110	18.806	ug/l	99
94) Hexachlorobutadiene	16.03	225	200545	19.196	ug/l	98
95) Naphthalene	16.12	128	363189	17.825	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	220298	19.344	ug/l	98

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

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