

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063355.D
 Acq On : 3 Aug 2019 12:25
 Operator : VA/AP
 Sample : VD0803SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBS01

Quant Time: Aug 04 06:05:50 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	7.04	168	1068799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1509281	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1247971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	653672	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	573789	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	6.92	113	645554	50.10	ug/l	0.01
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.41	98	1458281	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	13.56	95	651813	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	293796	22.488	ug/l	100
3) Chloromethane	1.74	50	219272	21.602	ug/l	97
4) Vinyl Chloride	1.84	62	226601	21.565	ug/l	99
5) Bromomethane	2.15	94	81434	15.366	ug/l	93
6) Chloroethane	2.26	64	94654	19.510	ug/l #	86
7) Trichlorofluoromethane	2.52	101	435586	21.367	ug/l	99
8) Diethyl Ether	2.87	74	52211	18.300	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.14	101	246865	21.861	ug/l	100
10) Methyl Iodide	3.30	142	299169	18.339	ug/l	95
11) Tert butyl alcohol	4.08	59	41143	79.053	ug/l	97
12) 1,1-Dichloroethene	3.11	96	183931	22.187	ug/l	89
13) Acrolein	3.03	56	36226	72.325	ug/l	90
14) Allyl chloride	3.60	41	262535	19.880	ug/l	97
15) Acrylonitrile	4.18	53	128985	95.594	ug/l	95
16) Acetone	3.22	43	208166	90.089	ug/l	94
17) Carbon Disulfide	3.36	76	588046	21.193	ug/l	99
18) Methyl Acetate	3.63	43	87628	19.743	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	373574	19.949	ug/l	100
20) Methylene Chloride	3.80	84	185821	19.895	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	189413	20.363	ug/l	99
22) Diisopropyl ether	5.11	45	546772	20.723	ug/l	94
23) Vinyl Acetate	5.04	43	1586220	97.802	ug/l	100
24) 1,1-Dichloroethane	4.97	63	352672	20.926	ug/l	97
25) 2-Butanone	6.06	43	216295	93.273	ug/l	95
26) 2,2-Dichloropropane	6.02	77	348510	20.066	ug/l	89
27) cis-1,2-Dichloroethene	6.04	96	212192	21.277	ug/l	89
28) Bromochloromethane	6.43	49	135963	20.248	ug/l #	98
29) Tetrahydrofuran	6.45	42	105190	95.810	ug/l	98
30) Chloroform	6.66	83	421068	20.132	ug/l	99
31) Cyclohexane	6.95	56	214475	20.303	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	428588	21.185	ug/l	95
36) 1,1-Dichloropropene	7.14	75	300071	21.785	ug/l	98
37) Ethyl Acetate	6.18	43	110533	17.862	ug/l #	96
38) Carbon Tetrachloride	7.11	117	418709	20.192	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	242608	21.140	ug/l	91
40) Benzene	7.44	78	590171	20.444	ug/l	99
41) Methacrylonitrile	6.45	41	138376	18.694	ug/l #	99
42) 1,2-Dichloroethane	7.57	62	305836	19.990	ug/l	99
43) Isopropyl Acetate	9.24	43	154474	19.542	ug/l #	95
44) Trichloroethene	8.54	130	245490	20.986	ug/l	100
45) 1,2-Dichloropropane	8.94	63	138222	18.838	ug/l	95
46) Dibromomethane	9.06	93	119589	19.602	ug/l	84
47) Bromodichloromethane	9.37	83	300558	19.326	ug/l	99
48) Methyl methacrylate	9.12	41	108111	21.088	ug/l	88
49) 1,4-Dioxane	9.09	88	17279	395.380	ug/l #	78
51) 4-Methyl-2-Pentanone	10.30	43	508127	94.520	ug/l	95
52) Toluene	10.51	92	405168	21.102	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	255111	19.027	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	286218	20.311	ug/l	92
55) 1,1,2-Trichloroethane	11.19	97	130702	20.156	ug/l #	90
56) Ethyl methacrylate	11.05	69	127848	18.005	ug/l	90
57) 1,3-Dichloropropane	11.41	76	191351	18.729	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	403107	109.101	ug/l	99
59) 2-Hexanone	11.54	43	366561	94.619	ug/l	99
60) Dibromochloromethane	11.69	129	237148	19.372	ug/l	98
61) 1,2-Dibromoethane	11.80	107	157608	19.697	ug/l	91
64) Tetrachloroethene	11.26	164	213442	21.468	ug/l	93
65) Chlorobenzene	12.40	112	519486	21.642	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.51	131	211734	20.025	ug/l	87
67) Ethyl Benzene	12.52	91	834805	20.472	ug/l	99
68) m/p-Xylenes	12.67	106	626198	41.874	ug/l	96
69) o-Xylene	13.05	106	280729	20.442	ug/l	99
70) Styrene	13.07	104	501305	20.584	ug/l	99
71) Bromoform	13.24	173	142010	18.469	ug/l	98
73) Isopropylbenzene	13.41	105	915747	22.321	ug/l	97
74) N-amyl acetate	13.27	43	202661	18.686	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	131620	18.887	ug/l	94
76) 1,2,3-Trichloropropane	13.73	75	147631	18.803	ug/l	97
77) Bromobenzene	13.67	156	239827	20.520	ug/l	85
78) n-propylbenzene	13.77	91	1010067	20.689	ug/l	96
79) 2-Chlorotoluene	13.84	91	606303	21.432	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	749639	21.185	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	42888	19.672	ug/l	94
82) 4-Chlorotoluene	13.95	91	705144	21.180	ug/l	96
83) tert-Butylbenzene	14.20	119	851870	21.084	ug/l	88
84) 1,2,4-Trimethylbenzene	14.24	105	732667	20.018	ug/l	97
85) sec-Butylbenzene	14.37	105	884266	20.773	ug/l	100
86) p-Isopropyltoluene	14.49	119	812017	19.986	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	420429	20.313	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	440117	21.029	ug/l	100
89) n-Butylbenzene	14.80	91	718666	20.480	ug/l	97
90) Hexachloroethane	15.01	117	206940	19.550	ug/l	92
91) 1,2-Dichlorobenzene	14.82	146	359388	19.929	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	25442	17.923	ug/l	79

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93) 1,2,4-Trichlorobenzene	15.95	180	278294	19.453	ug/l	98
94) Hexachlorobutadiene	16.04	225	205327	19.806	ug/l	98
95) Naphthalene	16.13	128	359972	17.803	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	203789	18.032	ug/l	97

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

