

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063200.D
 Acq On : 29 Jul 2019 15:45
 Operator : VA/AP
 Sample : VD0729SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBS01

Quant Time: Jul 30 03:16:32 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	1121267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1523624	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1141535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	678412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	618866	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	6.91	113	659859	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.41	98	1517585	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	13.55	95	662904	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	260008	18.970	ug/l	99
3) Chloromethane	1.74	50	194846	18.297	ug/l	91
4) Vinyl Chloride	1.84	62	191945	17.412	ug/l	95
5) Bromomethane	2.14	94	84692	15.233	ug/l	100
6) Chloroethane	2.25	64	88464	17.381	ug/l	96
7) Trichlorofluoromethane	2.51	101	394810	18.461	ug/l	96
8) Diethyl Ether	2.87	74	49259	16.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.13	101	195782	16.526	ug/l	94
10) Methyl Iodide	3.29	142	303876	17.756	ug/l	94
11) Tert butyl alcohol	4.08	59	49895	91.384	ug/l	100
12) 1,1-Dichloroethene	3.11	96	149321	17.169	ug/l #	81
13) Acrolein	3.02	56	51285	97.599	ug/l	92
14) Allyl chloride	3.60	41	251186	18.130	ug/l	94
15) Acrylonitrile	4.19	53	123809	87.464	ug/l	89
16) Acetone	3.22	43	223559	92.224	ug/l	96
17) Carbon Disulfide	3.36	76	533621	18.331	ug/l	96
18) Methyl Acetate	3.63	43	77703	16.688	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	361755	18.414	ug/l	96
20) Methylene Chloride	3.80	84	167868	17.132	ug/l	91
21) trans-1,2-Dichloroethene	4.20	96	182552	18.707	ug/l	89
22) Diisopropyl ether	5.11	45	502897	18.168	ug/l	99
23) Vinyl Acetate	5.05	43	1549437	91.063	ug/l	99
24) 1,1-Dichloroethane	4.97	63	330272	18.680	ug/l	96
25) 2-Butanone	6.07	43	225095	92.526	ug/l	96
26) 2,2-Dichloropropane	6.01	77	350084	19.214	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	195351	18.672	ug/l	94
28) Bromochloromethane	6.43	49	127958	18.164	ug/l	92
29) Tetrahydrofuran	6.45	42	100793	87.509	ug/l	99
30) Chloroform	6.66	83	387894	17.678	ug/l	99
31) Cyclohexane	6.94	56	195363	17.628	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	367172	17.300	ug/l	95
36) 1,1-Dichloropropene	7.14	75	235608	16.944	ug/l	97
37) Ethyl Acetate	6.17	43	116523	18.653	ug/l	98
38) Carbon Tetrachloride	7.10	117	382943	18.293	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	211694	18.273	ug/l	91
40) Benzene	7.44	78	540177	18.536	ug/l	99
41) Methacrylonitrile	6.45	41	128906	17.251	ug/l #	98
42) 1,2-Dichloroethane	7.57	62	280430	18.157	ug/l	96
43) Isopropyl Acetate	9.24	43	143747	18.014	ug/l #	94
44) Trichloroethene	8.54	130	207864	17.602	ug/l	88
45) 1,2-Dichloropropane	8.93	63	127458	17.207	ug/l	95
46) Dibromomethane	9.06	93	110277	17.905	ug/l	95
47) Bromodichloromethane	9.37	83	278010	17.708	ug/l #	96
48) Methyl methacrylate	9.12	41	98722	19.075	ug/l	96
49) 1,4-Dioxane	9.08	88	19696	446.978	ug/l	91
51) 4-Methyl-2-Pentanone	10.30	43	499072	91.962	ug/l	100
52) Toluene	10.51	92	354700	18.300	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	239548	17.698	ug/l	94
54) cis-1,3-Dichloropropene	10.03	75	262286	18.438	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	119440	18.246	ug/l	95
56) Ethyl methacrylate	11.04	69	137309	19.155	ug/l	91
57) 1,3-Dichloropropane	11.40	76	190130	18.434	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	366643	98.298	ug/l	98
59) 2-Hexanone	11.53	43	375166	95.929	ug/l	98
60) Dibromochloromethane	11.68	129	221527	17.926	ug/l	98
61) 1,2-Dibromoethane	11.80	107	151243	18.724	ug/l	99
64) Tetrachloroethene	11.25	164	202911	22.312	ug/l	96
65) Chlorobenzene	12.40	112	447443	20.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	204674	21.162	ug/l	92
67) Ethyl Benzene	12.52	91	802925	21.526	ug/l	99
68) m/p-Xylenes	12.66	106	558712	40.845	ug/l	100
69) o-Xylene	13.05	106	272088	21.661	ug/l	93
70) Styrene	13.06	104	474794	21.313	ug/l	97
71) Bromoform	13.23	173	138275	19.660	ug/l #	91
73) Isopropylbenzene	13.40	105	805021	18.906	ug/l	100
74) N-amyl acetate	13.26	43	201322	17.885	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	140803	19.468	ug/l	89
76) 1,2,3-Trichloropropane	13.72	75	147970	18.159	ug/l	97
77) Bromobenzene	13.67	156	224350	18.496	ug/l	94
78) n-propylbenzene	13.77	91	945754	18.665	ug/l	95
79) 2-Chlorotoluene	13.83	91	537350	18.302	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	655660	17.854	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	38746	17.124	ug/l	98
82) 4-Chlorotoluene	13.94	91	630747	18.255	ug/l	93
83) tert-Butylbenzene	14.19	119	753218	17.963	ug/l	91
84) 1,2,4-Trimethylbenzene	14.24	105	704240	18.540	ug/l	95
85) sec-Butylbenzene	14.36	105	787444	17.824	ug/l	96
86) p-Isopropyltoluene	14.48	119	804869	19.088	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	420931	19.596	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	405512	18.669	ug/l	97
89) n-Butylbenzene	14.80	91	691447	18.986	ug/l	98
90) Hexachloroethane	15.00	117	200476	18.248	ug/l	94
91) 1,2-Dichlorobenzene	14.81	146	332329	17.757	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	23494	15.947	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	245557	16.539	ug/l	95
94) Hexachlorobutadiene	16.04	225	203185	18.884	ug/l	95
95) Naphthalene	16.12	128	394224	18.786	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	200916	17.130	ug/l	97

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

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