

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063199.D
 Acq On : 29 Jul 2019 15:18
 Operator : VA/AP
 Sample : VD0729SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBS01

Quant Time: Jul 30 03:16:03 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	963009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1331334	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1117474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	600529	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	581813	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
35) Dibromofluoromethane	6.92	113	647746	56.99	ug/l	0.00
Spiked Amount			Recovery	=	113.98%	
50) Toluene-d8	10.40	98	1483724	58.33	ug/l	0.00
Spiked Amount			Recovery	=	116.66%	
62) 4-Bromofluorobenzene	13.55	95	643861	55.54	ug/l	0.00
Spiked Amount			Recovery	=	111.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	255126	21.673	ug/l	97
3) Chloromethane	1.74	50	201973	22.084	ug/l	100
4) Vinyl Chloride	1.84	62	205139	21.667	ug/l	97
5) Bromomethane	2.13	94	90530	18.959	ug/l	96
6) Chloroethane	2.24	64	98300	22.488	ug/l	98
7) Trichlorofluoromethane	2.52	101	383275	20.867	ug/l	98
8) Diethyl Ether	2.86	74	50751	19.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.13	101	206214	20.268	ug/l	92
10) Methyl Iodide	3.29	142	280182	19.062	ug/l	95
11) Tert butyl alcohol	4.08	59	44131	94.110	ug/l #	87
12) 1,1-Dichloroethene	3.11	96	152864	20.465	ug/l	91
13) Acrolein	3.02	56	55138	122.175	ug/l	86
14) Allyl chloride	3.60	41	263969	22.184	ug/l	94
15) Acrylonitrile	4.18	53	128876	106.006	ug/l	90
16) Acetone	3.22	43	222891	107.059	ug/l	100
17) Carbon Disulfide	3.35	76	541305	21.651	ug/l	98
18) Methyl Acetate	3.63	43	88515	22.134	ug/l	99
19) Methyl tert-butyl Ether	4.22	73	355089	21.045	ug/l	100
20) Methylene Chloride	3.80	84	179161	21.289	ug/l #	94
21) trans-1,2-Dichloroethene	4.20	96	189956	22.665	ug/l	85
22) Diisopropyl ether	5.11	45	512414	21.554	ug/l #	93
23) Vinyl Acetate	5.05	43	1592757	108.993	ug/l	99
24) 1,1-Dichloroethane	4.97	63	323586	21.309	ug/l	99
25) 2-Butanone	6.06	43	229997	110.077	ug/l #	91
26) 2,2-Dichloropropane	6.00	77	336620	21.511	ug/l	93
27) cis-1,2-Dichloroethene	6.02	96	193567	21.542	ug/l	95
28) Bromochloromethane	6.43	49	123812	20.464	ug/l #	95
29) Tetrahydrofuran	6.45	42	101897	103.006	ug/l	97
30) Chloroform	6.65	83	396728	21.052	ug/l	99
31) Cyclohexane	6.95	56	200316	21.046	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	387454	21.256	ug/l	95
36) 1,1-Dichloropropene	7.13	75	272854	22.457	ug/l	97
37) Ethyl Acetate	6.18	43	113898	20.866	ug/l #	95
38) Carbon Tetrachloride	7.09	117	384540	21.023	ug/l	97

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39) Methylcyclohexane	8.86	83	217062	21.442	ug/l	98
40) Benzene	7.45	78	532802	20.923	ug/l	96
41) Methacrylonitrile	6.44	41	143180	21.928	ug/l #	78
42) 1,2-Dichloroethane	7.57	62	292775	21.694	ug/l	98
43) Isopropyl Acetate	9.23	43	146384	20.994	ug/l #	95
44) Trichloroethene	8.53	130	217164	21.046	ug/l	96
45) 1,2-Dichloropropane	8.93	63	134308	20.751	ug/l	97
46) Dibromomethane	9.05	93	116389	21.627	ug/l	92
47) Bromodichloromethane	9.37	83	287635	20.967	ug/l	97
48) Methyl methacrylate	9.11	41	107575	23.788	ug/l	93
49) 1,4-Dioxane	9.07	88	15818	410.484	ug/l #	80
51) 4-Methyl-2-Pentanone	10.29	43	502809	106.032	ug/l	100
52) Toluene	10.50	92	378871	22.370	ug/l	94
53) t-1,3-Dichloropropene	10.90	75	250920	21.216	ug/l	91
54) cis-1,3-Dichloropropene	10.04	75	266490	21.439	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	126090	22.044	ug/l	94
56) Ethyl methacrylate	11.04	69	142443	22.742	ug/l	92
57) 1,3-Dichloropropane	11.40	76	190514	21.139	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	348174	106.829	ug/l	100
59) 2-Hexanone	11.52	43	364340	106.616	ug/l	95
60) Dibromochloromethane	11.68	129	232435	21.525	ug/l	98
61) 1,2-Dibromoethane	11.80	107	150854	21.373	ug/l	93
64) Tetrachloroethene	11.25	164	194770	21.878	ug/l	94
65) Chlorobenzene	12.39	112	470979	21.912	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	208498	22.022	ug/l	97
67) Ethyl Benzene	12.52	91	816622	22.365	ug/l	98
68) m/p-Xylenes	12.67	106	579993	43.313	ug/l	93
69) o-Xylene	13.05	106	282338	22.960	ug/l	81
70) Styrene	13.07	104	483257	22.160	ug/l	98
71) Bromoform	13.23	173	136901	19.883	ug/l #	99
73) Isopropylbenzene	13.40	105	810481	21.503	ug/l	99
74) N-amyl acetate	13.27	43	212438	21.321	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	143857	22.469	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	158020	21.907	ug/l	95
77) Bromobenzene	13.67	156	231620	21.572	ug/l	84
78) n-propylbenzene	13.77	91	950467	21.191	ug/l	100
79) 2-Chlorotoluene	13.84	91	515343	19.829	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	740160	22.768	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	44150	22.043	ug/l	89
82) 4-Chlorotoluene	13.95	91	681899	22.294	ug/l	99
83) tert-Butylbenzene	14.18	119	804343	21.670	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	718098	21.356	ug/l	99
85) sec-Butylbenzene	14.37	105	861871	22.039	ug/l	95
86) p-Isopropyltoluene	14.49	119	824533	22.090	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	400693	21.073	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	407702	21.204	ug/l	99
89) n-Butylbenzene	14.79	91	699883	21.710	ug/l	98
90) Hexachloroethane	15.01	117	200593	20.627	ug/l	83
91) 1,2-Dichlorobenzene	14.80	146	340870	20.575	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	25220	19.339	ug/l	91

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93) 1,2,4-Trichlorobenzene	15.95	180	279698	21.282	ug/l	97
94) Hexachlorobutadiene	16.03	225	198491	20.841	ug/l	98
95) Naphthalene	16.12	128	379104	20.408	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	216868	20.888	ug/l	99

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

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