

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063215.D
 Acq On : 30 Jul 2019 00:23
 Operator : VA/AP
 Sample : VD0729SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBS02

Quant Time: Jul 30 04:02:54 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	971487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1449216	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1188463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	621216	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	603115	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	6.92	113	648739	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.40	98	1468657	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	13.55	95	621976	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	263899	22.223	ug/l	94
3) Chloromethane	1.74	50	209714	22.730	ug/l	95
4) Vinyl Chloride	1.84	62	197567	20.685	ug/l	93
5) Bromomethane	2.14	94	92118	19.123	ug/l	95
6) Chloroethane	2.25	64	91407	20.728	ug/l	96
7) Trichlorofluoromethane	2.52	101	374893	20.232	ug/l	97
8) Diethyl Ether	2.86	74	58075	22.395	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	230393	22.446	ug/l	98
10) Methyl Iodide	3.30	142	294128	19.836	ug/l	98
11) Tert butyl alcohol	4.07	59	48573	102.678	ug/l	94
12) 1,1-Dichloroethene	3.12	96	170899	22.680	ug/l #	76
13) Acrolein	3.03	56	48216	105.905	ug/l	98
14) Allyl chloride	3.61	41	250348	20.856	ug/l	97
15) Acrylonitrile	4.19	53	128448	104.732	ug/l	90
16) Acetone	3.22	43	182388	86.840	ug/l	99
17) Carbon Disulfide	3.35	76	523391	20.752	ug/l	97
18) Methyl Acetate	3.63	43	93625	23.207	ug/l	95
19) Methyl tert-butyl Ether	4.23	73	362750	21.312	ug/l	96
20) Methylene Chloride	3.81	84	178909	21.074	ug/l #	92
21) trans-1,2-Dichloroethene	4.20	96	185171	21.901	ug/l	97
22) Diisopropyl ether	5.11	45	517730	21.588	ug/l #	97
23) Vinyl Acetate	5.05	43	1526800	103.568	ug/l	99
24) 1,1-Dichloroethane	4.97	63	321052	20.958	ug/l #	95
25) 2-Butanone	6.06	43	214967	101.986	ug/l	93
26) 2,2-Dichloropropane	6.01	77	305780	19.369	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	198537	21.902	ug/l	91
28) Bromochloromethane	6.43	49	129157	21.161	ug/l	100
29) Tetrahydrofuran	6.45	42	98142	98.344	ug/l	98
30) Chloroform	6.65	83	413223	21.736	ug/l	95
31) Cyclohexane	6.95	56	208415	21.705	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	403762	21.957	ug/l	99
36) 1,1-Dichloropropene	7.13	75	266259	20.132	ug/l	99
37) Ethyl Acetate	6.18	43	107273	18.054	ug/l #	92
38) Carbon Tetrachloride	7.10	117	389407	19.557	ug/l	94

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39) Methylcyclohexane	8.86	83	215757	19.580	ug/l	90
40) Benzene	7.44	78	569033	20.529	ug/l	96
41) Methacrylonitrile	6.45	41	134933	18.984	ug/l #	93
42) 1,2-Dichloroethane	7.57	62	291385	19.835	ug/l	96
43) Isopropyl Acetate	9.24	43	146478	19.299	ug/l #	100
44) Trichloroethene	8.53	130	216817	19.303	ug/l	92
45) 1,2-Dichloropropane	8.94	63	144195	20.466	ug/l	95
46) Dibromomethane	9.05	93	109397	18.674	ug/l	96
47) Bromodichloromethane	9.37	83	306515	20.526	ug/l	90
48) Methyl methacrylate	9.11	41	102022	20.725	ug/l	87
49) 1,4-Dioxane	9.07	88	16723	398.550	ug/l #	71
51) 4-Methyl-2-Pentanone	10.29	43	528355	102.356	ug/l	100
52) Toluene	10.50	92	360510	19.555	ug/l	92
53) t-1,3-Dichloropropene	10.90	75	241947	18.793	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	264706	19.563	ug/l	94
55) 1,1,2-Trichloroethane	11.18	97	128841	20.693	ug/l	95
56) Ethyl methacrylate	11.04	69	133384	19.563	ug/l	90
57) 1,3-Dichloropropane	11.41	76	189476	19.314	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.85	63	342414	96.516	ug/l	96
59) 2-Hexanone	11.52	43	351830	94.581	ug/l	95
60) Dibromochloromethane	11.68	129	226003	19.227	ug/l	97
61) 1,2-Dibromoethane	11.80	107	155615	20.254	ug/l	87
64) Tetrachloroethene	11.25	164	205858	21.742	ug/l	97
65) Chlorobenzene	12.39	112	493573	21.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	214757	21.328	ug/l	97
67) Ethyl Benzene	12.52	91	824115	21.222	ug/l	97
68) m/p-Xylenes	12.67	106	570528	40.062	ug/l	96
69) o-Xylene	13.04	106	281167	21.499	ug/l	96
70) Styrene	13.07	104	484943	20.909	ug/l	98
71) Bromoform	13.23	173	140976	19.252	ug/l	99
73) Isopropylbenzene	13.40	105	846588	21.713	ug/l	99
74) N-amyl acetate	13.26	43	213099	20.675	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	134817	20.356	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	148894	19.955	ug/l	99
77) Bromobenzene	13.66	156	229311	20.646	ug/l	94
78) n-propylbenzene	13.77	91	1012142	21.814	ug/l	99
79) 2-Chlorotoluene	13.84	91	555940	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	730794	21.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	35277	17.026	ug/l	90
82) 4-Chlorotoluene	13.95	91	698420	22.074	ug/l	99
83) tert-Butylbenzene	14.18	119	796803	20.752	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	710605	20.430	ug/l	99
85) sec-Butylbenzene	14.36	105	795585	19.666	ug/l	99
86) p-Isopropyltoluene	14.49	119	786377	20.366	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	435619	22.147	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	385728	19.393	ug/l	96
89) n-Butylbenzene	14.79	91	724095	21.713	ug/l	98
90) Hexachloroethane	15.00	117	206966	20.574	ug/l	99
91) 1,2-Dichlorobenzene	14.80	146	370388	21.613	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	25045	18.565	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	270162	19.872	ug/l	98
94) Hexachlorobutadiene	16.03	225	205189	20.827	ug/l	96
95) Naphthalene	16.12	128	410299	21.352	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	220272	20.509	ug/l	98

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

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