

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063003.D
 Acq On : 2 Jul 2019 12:04
 Operator : VA/AP
 Sample : VD0702SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBSD01

Quant Time: Jul 03 00:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	946084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1265729	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1088218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	588257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	486685	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	6.93	113	527883	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	10.41	98	1141996	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	13.56	95	539291	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	254809	20.813	ug/l	95
3) Chloromethane	1.75	50	195056	21.185	ug/l	90
4) Vinyl Chloride	1.85	62	181800	19.915	ug/l	98
5) Bromomethane	2.15	94	85740	20.055	ug/l #	97
6) Chloroethane	2.26	64	77097	18.654	ug/l	94
7) Trichlorofluoromethane	2.53	101	374619	20.277	ug/l	97
8) Diethyl Ether	2.87	74	48098	20.490	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	222272	22.207	ug/l	89
10) Methyl Iodide	3.30	142	265352	20.095	ug/l	96
11) Tert butyl alcohol	4.09	59	58327	124.531	ug/l #	90
12) 1,1-Dichloroethene	3.12	96	153946	20.503	ug/l	91
13) Acrolein	3.04	56	34376	71.893	ug/l	94
14) Allyl chloride	3.62	41	231338	20.852	ug/l	94
15) Acrylonitrile	4.21	53	134538	122.247	ug/l	91
16) Acetone	3.24	43	212667	97.715	ug/l	97
17) Carbon Disulfide	3.37	76	472971	19.710	ug/l	98
18) Methyl Acetate	3.65	43	105840	34.093	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	365742	22.501	ug/l	99
20) Methylene Chloride	3.82	84	181762	23.175	ug/l	90
21) trans-1,2-Dichloroethene	4.22	96	177118	22.154	ug/l	91
22) Diisopropyl ether	5.14	45	472589	20.946	ug/l	99
23) Vinyl Acetate	5.07	43	1456673	103.176	ug/l	99
24) 1,1-Dichloroethane	4.99	63	307898	20.960	ug/l	99
25) 2-Butanone	6.08	43	209445	108.894	ug/l #	93
26) 2,2-Dichloropropane	6.03	77	338189	21.720	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	185552	21.947	ug/l	96
28) Bromochloromethane	6.45	49	117870	22.782	ug/l	97
29) Tetrahydrofuran	6.46	42	101151	111.152	ug/l	96
30) Chloroform	6.67	83	359639	20.131	ug/l	98
31) Cyclohexane	6.96	56	192935	19.978	ug/l	92
32) 1,1,1-Trichloroethane	6.88	97	383598	20.615	ug/l	99
36) 1,1-Dichloropropene	7.15	75	241483	20.154	ug/l	96
37) Ethyl Acetate	6.20	43	104573	20.118	ug/l #	95
38) Carbon Tetrachloride	7.11	117	361084	20.038	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	210715	19.979	ug/l	99
40) Benzene	7.46	78	505532	21.019	ug/l	98
41) Methacrylonitrile	6.46	41	135794	21.490	ug/l #	90
42) 1,2-Dichloroethane	7.58	62	286340	21.824	ug/l	100
43) Isopropyl Acetate	9.25	43	143513	22.846	ug/l #	100
44) Trichloroethene	8.54	130	207416	21.997	ug/l	94
45) 1,2-Dichloropropane	8.95	63	128203	21.437	ug/l	94
46) Dibromomethane	9.07	93	109499	21.314	ug/l	90
47) Bromodichloromethane	9.39	83	295815	22.171	ug/l	93
48) Methyl methacrylate	9.13	41	106175	23.785	ug/l	98
49) 1,4-Dioxane	9.10	88	20803	560.143	ug/l #	84
51) 4-Methyl-2-Pentanone	10.30	43	515972	115.852	ug/l	94
52) Toluene	10.51	92	348912	21.581	ug/l	95
53) t-1,3-Dichloropropene	10.91	75	249394	22.837	ug/l	92
54) cis-1,3-Dichloropropene	10.05	75	249100	20.986	ug/l	93
55) 1,1,2-Trichloroethane	11.19	97	119894	21.585	ug/l	93
56) Ethyl methacrylate	11.05	69	134449	22.650	ug/l	91
57) 1,3-Dichloropropane	11.42	76	179472	21.102	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.86	63	335732	110.168	ug/l	94
59) 2-Hexanone	11.53	43	370419	116.782	ug/l	94
60) Dibromochloromethane	11.69	129	209284	20.228	ug/l	95
61) 1,2-Dibromoethane	11.81	107	150294	22.910	ug/l	98
64) Tetrachloroethene	11.26	164	186695	20.845	ug/l	91
65) Chlorobenzene	12.40	112	444933	22.031	ug/l	94
66) 1,1,1,2-Tetrachloroethane	12.52	131	195923	20.744	ug/l	89
67) Ethyl Benzene	12.53	91	791637	21.832	ug/l	100
68) m/p-Xylenes	12.68	106	556132	44.036	ug/l	99
69) o-Xylene	13.05	106	246414	21.344	ug/l	93
70) Styrene	13.07	104	413812	20.407	ug/l	99
71) Bromoform	13.24	173	139977	21.631	ug/l #	93
73) Isopropylbenzene	13.41	105	772972	20.494	ug/l	99
74) N-amyl acetate	13.27	43	203617	22.230	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	137565	22.385	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	152907	22.516	ug/l	99
77) Bromobenzene	13.67	156	219754	21.661	ug/l	94
78) n-propylbenzene	13.78	91	945031	21.527	ug/l	98
79) 2-Chlorotoluene	13.84	91	546629	21.788	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	683914	21.587	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	37032	20.807	ug/l	97
82) 4-Chlorotoluene	13.95	91	661903	21.915	ug/l	97
83) tert-Butylbenzene	14.19	119	756176	21.413	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	698620	21.514	ug/l	100
85) sec-Butylbenzene	14.37	105	802251	20.902	ug/l	94
86) p-Isopropyltoluene	14.50	119	769527	21.916	ug/l	94
87) 1,3-Dichlorobenzene	14.46	146	374437	20.590	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	384293	21.039	ug/l	97
89) n-Butylbenzene	14.80	91	718639	21.867	ug/l	97
90) Hexachloroethane	15.01	117	201817	21.377	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	356548	22.915	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	28150	23.468	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	268605	22.100	ug/l	99
94) Hexachlorobutadiene	16.04	225	191106	20.581	ug/l	95
95) Naphthalene	16.12	128	388281	22.792	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	210900	22.584	ug/l	93

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

