

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062834.D
 Acq On : 24 Jun 2019 12:27
 Operator : VA/AP
 Sample : VD0624SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBS01

Quant Time: Jun 25 05:02:27 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	7.04	168	976546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1245824	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1037564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	565650	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	498216	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
35) Dibromofluoromethane	6.93	113	485515	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
50) Toluene-d8	10.41	98	1104332	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	13.56	95	500824	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	258784	20.478	ug/l	99
3) Chloromethane	1.75	50	188937	19.880	ug/l	99
4) Vinyl Chloride	1.84	62	192593	20.439	ug/l	95
5) Bromomethane	2.14	94	70627	16.005	ug/l	94
6) Chloroethane	2.25	64	78065	18.299	ug/l	95
7) Trichlorofluoromethane	2.52	101	374771	19.652	ug/l	97
8) Diethyl Ether	2.87	74	45949	18.964	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.15	101	202938	19.643	ug/l	95
10) Methyl Iodide	3.29	142	250065	18.347	ug/l	99
11) Tert butyl alcohol	4.09	59	49413	102.209	ug/l	96
12) 1,1-Dichloroethene	3.12	96	138217	17.834	ug/l #	78
13) Acrolein	3.03	56	44437	90.036	ug/l	99
14) Allyl chloride	3.61	41	232965	20.343	ug/l	98
15) Acrylonitrile	4.20	53	123832	109.009	ug/l	96
16) Acetone	3.22	43	215760	95.920	ug/l #	91
17) Carbon Disulfide	3.36	76	472486	19.075	ug/l	99
18) Methyl Acetate	3.64	43	82220	25.659	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	352769	21.026	ug/l	94
20) Methylene Chloride	3.82	84	163563	20.204	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	168956	20.474	ug/l	90
22) Diisopropyl ether	5.13	45	491084	21.087	ug/l	97
23) Vinyl Acetate	5.06	43	1476982	101.352	ug/l	99
24) 1,1-Dichloroethane	4.98	63	297988	19.652	ug/l	97
25) 2-Butanone	6.08	43	205708	103.615	ug/l #	88
26) 2,2-Dichloropropane	6.02	77	330029	20.535	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	180307	20.662	ug/l	95
28) Bromochloromethane	6.44	49	111354	20.851	ug/l	89
29) Tetrahydrofuran	6.46	42	103326	110.000	ug/l	95
30) Chloroform	6.67	83	365799	19.837	ug/l	93
31) Cyclohexane	6.96	56	186690	18.729	ug/l	90
32) 1,1,1-Trichloroethane	6.87	97	358495	18.665	ug/l	95
36) 1,1-Dichloropropene	7.15	75	242972	20.602	ug/l	93
37) Ethyl Acetate	6.19	43	105992	20.751	ug/l	98
38) Carbon Tetrachloride	7.10	117	368352	20.768	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	213485	20.565	ug/l	96
40) Benzene	7.46	78	501759	21.195	ug/l	97
41) Methacrylonitrile	6.44	41	138357	22.246	ug/l	97
42) 1,2-Dichloroethane	7.58	62	270602	20.954	ug/l	99
43) Isopropyl Acetate	9.25	43	133929	21.661	ug/l #	98
44) Trichloroethene	8.54	130	191722	20.658	ug/l	99
45) 1,2-Dichloropropane	8.94	63	118615	20.150	ug/l	100
46) Dibromomethane	9.06	93	105175	20.800	ug/l	94
47) Bromodichloromethane	9.38	83	288140	21.941	ug/l	97
48) Methyl methacrylate	9.13	41	93730	21.332	ug/l	97
49) 1,4-Dioxane	9.08	88	17644	482.674	ug/l #	92
51) 4-Methyl-2-Pentanone	10.30	43	484434	110.509	ug/l	95
52) Toluene	10.51	92	343981	21.616	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	233759	21.748	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	250561	21.447	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	113343	20.732	ug/l	90
56) Ethyl methacrylate	11.04	69	125751	21.523	ug/l #	84
57) 1,3-Dichloropropane	11.41	76	183891	21.967	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	349362	116.472	ug/l	98
59) 2-Hexanone	11.53	43	361657	115.842	ug/l	100
60) Dibromochloromethane	11.69	129	216971	21.306	ug/l	89
61) 1,2-Dibromoethane	11.81	107	137218	21.251	ug/l	94
64) Tetrachloroethene	11.26	164	179157	20.980	ug/l	91
65) Chlorobenzene	12.40	112	409413	21.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	194480	21.596	ug/l	96
67) Ethyl Benzene	12.53	91	743190	21.497	ug/l	99
68) m/p-Xylenes	12.68	106	514315	42.713	ug/l	93
69) o-Xylene	13.05	106	244533	22.215	ug/l	91
70) Styrene	13.07	104	417110	21.574	ug/l	98
71) Bromoform	13.24	173	137221	22.240	ug/l	96
73) Isopropylbenzene	13.40	105	765927	21.118	ug/l	99
74) N-amyl acetate	13.27	43	193225	21.938	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	129951	21.991	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	141788	21.713	ug/l	99
77) Bromobenzene	13.67	156	218098	22.357	ug/l	94
78) n-propylbenzene	13.78	91	904302	21.422	ug/l	100
79) 2-Chlorotoluene	13.84	91	501758	20.799	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	651657	21.391	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	38997	22.786	ug/l	99
82) 4-Chlorotoluene	13.95	91	621975	21.416	ug/l	93
83) tert-Butylbenzene	14.19	119	715470	21.070	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	654249	20.953	ug/l	99
85) sec-Butylbenzene	14.37	105	777180	21.058	ug/l	96
86) p-Isopropyltoluene	14.50	119	726063	21.504	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	379932	21.727	ug/l	94
88) 1,4-Dichlorobenzene	14.54	146	359229	20.453	ug/l	98
89) n-Butylbenzene	14.80	91	661247	20.925	ug/l	96
90) Hexachloroethane	15.01	117	189971	20.926	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	336856	22.515	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	27263	23.637	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	241418	20.657	ug/l	99
94) Hexachlorobutadiene	16.04	225	179619	20.117	ug/l	97
95) Naphthalene	16.12	128	356841	21.784	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	183797	20.468	ug/l	98

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

