

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062873.D
 Acq On : 25 Jun 2019 12:31
 Operator : VA/AP
 Sample : VD0625SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Quant Time: Jun 26 05:33:08 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	7.05	168	842791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1182518	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	948807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	544087	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	556391	60.73	ug/l	0.00
Spiked Amount			Recovery	=	121.46%	
35) Dibromofluoromethane	6.93	113	557619	55.92	ug/l	0.00
Spiked Amount			Recovery	=	111.84%	
50) Toluene-d8	10.42	98	1289835	59.44	ug/l	0.00
Spiked Amount			Recovery	=	118.88%	
62) 4-Bromofluorobenzene	13.56	95	551548	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	266720	24.456	ug/l	97
3) Chloromethane	1.74	50	189475	23.101	ug/l	90
4) Vinyl Chloride	1.84	62	187970	23.114	ug/l	98
5) Bromomethane	2.15	94	61408	16.124	ug/l	96
6) Chloroethane	2.26	64	80171	21.775	ug/l	89
7) Trichlorofluoromethane	2.52	101	381069	23.154	ug/l	99
8) Diethyl Ether	2.87	74	48419	23.155	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.14	101	192757	21.619	ug/l #	84
10) Methyl Iodide	3.30	142	234322	19.920	ug/l	95
11) Tert butyl alcohol	4.10	59	48817	117.001	ug/l #	95
12) 1,1-Dichloroethene	3.11	96	138065	20.642	ug/l	89
13) Acrolein	3.03	56	41727	97.963	ug/l	93
14) Allyl chloride	3.62	41	231303	23.404	ug/l	88
15) Acrylonitrile	4.20	53	124250	126.735	ug/l	86
16) Acetone	3.22	43	226821	118.411	ug/l	97
17) Carbon Disulfide	3.37	76	489546	22.901	ug/l	96
18) Methyl Acetate	3.64	43	84247	30.464	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	358087	24.730	ug/l	100
20) Methylene Chloride	3.81	84	160455	22.966	ug/l #	84
21) trans-1,2-Dichloroethene	4.22	96	168566	23.669	ug/l	95
22) Diisopropyl ether	5.12	45	464580	23.114	ug/l	98
23) Vinyl Acetate	5.06	43	1468362	116.751	ug/l	98
24) 1,1-Dichloroethane	4.98	63	297828	22.759	ug/l	99
25) 2-Butanone	6.09	43	218064	127.271	ug/l #	87
26) 2,2-Dichloropropane	6.03	77	317501	22.890	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	175473	23.299	ug/l	98
28) Bromochloromethane	6.44	49	119907	26.016	ug/l	96
29) Tetrahydrofuran	6.46	42	99873	123.198	ug/l	98
30) Chloroform	6.67	83	359867	22.612	ug/l	91
31) Cyclohexane	6.95	56	194363	22.593	ug/l	87
32) 1,1,1-Trichloroethane	6.87	97	357165	21.547	ug/l	94
36) 1,1-Dichloropropene	7.15	75	242548	21.667	ug/l	97
37) Ethyl Acetate	6.18	43	111840	23.193	ug/l #	98
38) Carbon Tetrachloride	7.12	117	334256	19.854	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	214181	21.736	ug/l	92
40) Benzene	7.45	78	502333	22.356	ug/l	96
41) Methacrylonitrile	6.45	41	139067	23.557	ug/l #	88
42) 1,2-Dichloroethane	7.58	62	278113	22.688	ug/l	100
43) Isopropyl Acetate	9.25	43	153663	26.183	ug/l #	96
44) Trichloroethene	8.55	130	202583	22.997	ug/l	100
45) 1,2-Dichloropropane	8.94	63	114837	20.553	ug/l	98
46) Dibromomethane	9.07	93	107753	22.450	ug/l	92
47) Bromodichloromethane	9.38	83	265047	21.263	ug/l	94
48) Methyl methacrylate	9.13	41	102039	24.467	ug/l	97
49) 1,4-Dioxane	9.10	88	19214	553.762	ug/l #	77
51) 4-Methyl-2-Pentanone	10.31	43	491440	118.109	ug/l	93
52) Toluene	10.52	92	332330	22.002	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	232900	22.828	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	252291	22.751	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	112479	21.675	ug/l	95
56) Ethyl methacrylate	11.05	69	131748	23.756	ug/l	95
57) 1,3-Dichloropropane	11.41	76	173991	21.897	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	336379	118.147	ug/l	91
59) 2-Hexanone	11.54	43	390092	131.639	ug/l	96
60) Dibromochloromethane	11.69	129	217453	22.497	ug/l	93
61) 1,2-Dibromoethane	11.81	107	151108	24.655	ug/l	86
64) Tetrachloroethene	11.26	164	184046	23.569	ug/l	94
65) Chlorobenzene	12.41	112	407298	23.130	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	192415	23.366	ug/l	92
67) Ethyl Benzene	12.52	91	750031	23.724	ug/l	100
68) m/p-Xylenes	12.67	106	536652	48.737	ug/l	99
69) o-Xylene	13.06	106	241634	24.005	ug/l	98
70) Styrene	13.08	104	416697	23.569	ug/l	96
71) Bromoform	13.24	173	134039	23.757	ug/l	96
73) Isopropylbenzene	13.41	105	749037	21.471	ug/l	99
74) N-amyl acetate	13.27	43	193191	22.804	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	135360	23.814	ug/l	93
76) 1,2,3-Trichloropropane	13.74	75	143961	22.920	ug/l	91
77) Bromobenzene	13.68	156	203530	21.691	ug/l	92
78) n-propylbenzene	13.77	91	898107	22.119	ug/l	93
79) 2-Chlorotoluene	13.84	91	485751	20.934	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	659781	22.516	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	35628	21.643	ug/l #	84
82) 4-Chlorotoluene	13.95	91	633641	22.682	ug/l	100
83) tert-Butylbenzene	14.19	119	734148	22.477	ug/l	91
84) 1,2,4-Trimethylbenzene	14.24	105	670639	22.329	ug/l	96
85) sec-Butylbenzene	14.37	105	737537	20.776	ug/l	93
86) p-Isopropyltoluene	14.49	119	703111	21.650	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	394478	23.453	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	364414	21.570	ug/l	97
89) n-Butylbenzene	14.80	91	692066	22.768	ug/l	99
90) Hexachloroethane	15.01	117	187178	21.436	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	336295	23.368	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	28048	25.282	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	258430	22.988	ug/l	97
94) Hexachlorobutadiene	16.04	225	179826	20.939	ug/l	94
95) Naphthalene	16.13	128	374580	23.773	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	198163	22.942	ug/l	97

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

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