

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062468.D
 Acq On : 20 May 2019 20:52
 Operator : FY/SY
 Sample : VD0520SBSD01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBSD01

Quant Time: May 21 03:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	764731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	994167	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	823429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	472475	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	406740	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	6.93	113	468215	52.21	ug/l	-0.01
Spiked Amount			Recovery	=	104.42%	
50) Toluene-d8	10.42	98	1097320	55.91	ug/l	-0.01
Spiked Amount			Recovery	=	111.82%	
62) 4-Bromofluorobenzene	13.57	95	465912	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	174034	21.389	ug/l	99
3) Chloromethane	1.75	50	105277	19.872	ug/l	96
4) Vinyl Chloride	1.85	62	113159	20.299	ug/l	100
5) Bromomethane	2.15	94	42655	17.732	ug/l	96
6) Chloroethane	2.26	64	47991	17.796	ug/l	92
7) Trichlorofluoromethane	2.52	101	231432	17.967	ug/l	95
8) Diethyl Ether	2.88	74	31443	18.096	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	3.14	101	150962	19.700	ug/l	97
10) Methyl Iodide	3.30	142	210572	19.707	ug/l #	86
11) Tert butyl alcohol	4.10	59	37096	98.177	ug/l #	91
12) 1,1-Dichloroethene	3.13	96	108317	19.126	ug/l	83
13) Acrolein	3.05	56	31561	100.582	ug/l	87
14) Allyl chloride	3.63	41	165158	19.778	ug/l #	82
15) Acrylonitrile	4.21	53	98998	114.340	ug/l	89
16) Acetone	3.23	43	136921	93.340	ug/l	90
17) Carbon Disulfide	3.38	76	341733	19.924	ug/l	98
18) Methyl Acetate	3.65	43	52593	20.777	ug/l	91
19) Methyl tert-butyl Ether	4.25	73	267607	20.458	ug/l	92
20) Methylene Chloride	3.82	84	124267	15.545	ug/l	91
21) trans-1,2-Dichloroethene	4.22	96	135234	20.397	ug/l	97
22) Diisopropyl ether	5.13	45	369580	20.793	ug/l	93
23) Vinyl Acetate	5.06	43	1068381	99.475	ug/l	96
24) 1,1-Dichloroethane	4.99	63	222423	19.430	ug/l	99
25) 2-Butanone	6.09	43	154990	101.020	ug/l	98
26) 2,2-Dichloropropane	6.04	77	227691	18.452	ug/l	97
27) cis-1,2-Dichloroethene	6.05	96	144377	20.195	ug/l	94
28) Bromochloromethane	6.45	49	85364	20.777	ug/l	98
29) Tetrahydrofuran	6.48	42	75859	103.528	ug/l	98
30) Chloroform	6.68	83	288103	19.741	ug/l	98
31) Cyclohexane	6.97	56	154968	20.050	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	271871	18.452	ug/l	98
36) 1,1-Dichloropropene	7.15	75	193133	20.319	ug/l	92
37) Ethyl Acetate	6.19	43	76961	20.843	ug/l #	93
38) Carbon Tetrachloride	7.12	117	283938	20.100	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	163550	20.862	ug/l	95
40) Benzene	7.46	78	393286	21.094	ug/l	96
41) Methacrylonitrile	6.47	41	97104	20.939	ug/l #	83
42) 1,2-Dichloroethane	7.59	62	204026	20.666	ug/l	94
43) Isopropyl Acetate	9.25	43	109067	22.265	ug/l	89
44) Trichloroethene	8.55	130	151430	20.286	ug/l	85
45) 1,2-Dichloropropane	8.95	63	98176	21.608	ug/l	97
46) Dibromomethane	9.08	93	87689	21.291	ug/l #	87
47) Bromodichloromethane	9.38	83	210557	20.097	ug/l	97
48) Methyl methacrylate	9.13	41	70620	21.423	ug/l #	84
49) 1,4-Dioxane	9.09	88	14914	504.397	ug/l	93
51) 4-Methyl-2-Pentanone	10.31	43	339458	104.899	ug/l	91
52) Toluene	10.51	92	258813	20.278	ug/l	95
53) t-1,3-Dichloropropene	10.92	75	176124	20.191	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	201112	22.096	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	94965	21.953	ug/l	98
56) Ethyl methacrylate	11.06	69	99549	21.527	ug/l #	86
57) 1,3-Dichloropropane	11.42	76	145227	21.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	266846	112.377	ug/l	97
59) 2-Hexanone	11.54	43	259082	110.159	ug/l	87
60) Dibromochloromethane	11.70	129	162452	19.553	ug/l	95
61) 1,2-Dibromoethane	11.81	107	109254	20.494	ug/l	95
64) Tetrachloroethene	11.26	164	141511	20.525	ug/l	98
65) Chlorobenzene	12.40	112	323297	20.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	161628	22.112	ug/l	93
67) Ethyl Benzene	12.53	91	635656	23.306	ug/l	99
68) m/p-Xylenes	12.68	106	421868	43.089	ug/l	96
69) o-Xylene	13.05	106	189403	20.503	ug/l	87
70) Styrene	13.08	104	334289	21.272	ug/l	98
71) Bromoform	13.24	173	103168	21.253	ug/l	98
73) Isopropylbenzene	13.41	105	576303	19.351	ug/l	96
74) N-amyl acetate	13.27	43	145093	19.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	105135	19.568	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	110595	19.873	ug/l	99
77) Bromobenzene	13.67	156	179811	21.283	ug/l	90
78) n-propylbenzene	13.78	91	665871	19.302	ug/l	96
79) 2-Chlorotoluene	13.85	91	424942	20.298	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	527752	20.466	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.48	75	29344	18.696	ug/l #	61
82) 4-Chlorotoluene	13.95	91	504977	20.945	ug/l	83
83) tert-Butylbenzene	14.20	119	550543	19.247	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	538700	20.388	ug/l	92
85) sec-Butylbenzene	14.37	105	590757	19.807	ug/l	100
86) p-Isopropyltoluene	14.50	119	537992	19.905	ug/l	94
87) 1,3-Dichlorobenzene	14.46	146	297640	19.950	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	300174	20.850	ug/l	100
89) n-Butylbenzene	14.81	91	457609	17.543	ug/l	94
90) Hexachloroethane	15.01	117	142084	19.021	ug/l	97
91) 1,2-Dichlorobenzene	14.82	146	224411	17.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	17042	16.710	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	197015	19.723	ug/l	97
94) Hexachlorobutadiene	16.05	225	142900	19.374	ug/l	97
95) Naphthalene	16.13	128	281010	20.588	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	157799	19.270	ug/l	97

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

