

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062547.D
 Acq On : 30 May 2019 11:38
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: May 31 01:20:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	885185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1173259	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	985189	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	544274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	52393	5.04	ug/l	0.00
Spiked Amount			Recovery	=	10.08%	
35) Dibromofluoromethane	6.95	113	51177	4.72	ug/l	0.00
Spiked Amount			Recovery	=	9.44%	
50) Toluene-d8	10.42	98	112307	4.78	ug/l	0.00
Spiked Amount			Recovery	=	9.56%	
62) 4-Bromofluorobenzene	13.56	95	54323	5.16	ug/l	0.00
Spiked Amount			Recovery	=	10.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	62976	5.971	ug/l	94
3) Chloromethane	1.75	50	89805	7.467	ug/l	98
4) Vinyl Chloride	1.86	62	38579	4.759	ug/l #	86
5) Bromomethane	2.16	94	12444	5.002	ug/l #	84
6) Chloroethane	2.27	64	20201	5.226	ug/l	99
7) Trichlorofluoromethane	2.55	101	86498	5.108	ug/l	88
8) Diethyl Ether	2.88	74	10195	4.686	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.16	101	51192	5.110	ug/l	98
10) Methyl Iodide	3.31	142	30881	2.823	ug/l #	84
11) Tert butyl alcohol	4.09	59	9239	19.344	ug/l #	75
12) 1,1-Dichloroethene	3.13	96	33814	4.749	ug/l	91
13) Acrolein	3.05	56	5736m	27.746	ug/l	
14) Allyl chloride	3.63	41	48648	4.364	ug/l	94
15) Acrylonitrile	4.22	53	24326	22.612	ug/l	91
16) Acetone	3.24	43	57353	26.767	ug/l	97
17) Carbon Disulfide	3.38	76	113097	4.999	ug/l	100
18) Methyl Acetate	3.65	43	20401	5.853	ug/l #	84
19) Methyl tert-butyl Ether	4.25	73	80116	4.620	ug/l	97
20) Methylene Chloride	3.83	84	40097	5.339	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	37833	4.687	ug/l	94
22) Diisopropyl ether	5.14	45	100275	4.469	ug/l #	93
23) Vinyl Acetate	5.07	43	305234	22.352	ug/l	99
24) 1,1-Dichloroethane	5.00	63	67139	4.580	ug/l	97
25) 2-Butanone	6.09	43	45745	23.231	ug/l	96
26) 2,2-Dichloropropane	6.03	77	83521	5.248	ug/l	100
27) cis-1,2-Dichloroethene	6.06	96	37976	4.567	ug/l	77
28) Bromochloromethane	6.45	49	25784	5.303	ug/l	84
29) Tetrahydrofuran	6.47	42	20112	22.216	ug/l	93
30) Chloroform	6.68	83	80460	4.562	ug/l	94
31) Cyclohexane	6.97	56	46796	4.819	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	88098	4.891	ug/l	93
36) 1,1-Dichloropropene	7.15	75	59789	5.025	ug/l #	88
37) Ethyl Acetate	6.20	43	27510	5.177	ug/l #	66
38) Carbon Tetrachloride	7.12	117	81368	4.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	52601	5.277	ug/l	92
40) Benzene	7.47	78	108231	4.630	ug/l #	77
41) Methacrylonitrile	6.47	41	27864	4.678	ug/l #	80
42) 1,2-Dichloroethane	7.60	62	60013	4.599	ug/l	99
43) Isopropyl Acetate	9.25	43	27137	4.307	ug/l #	100
44) Trichloroethene	8.55	130	44650	4.772	ug/l	100
45) 1,2-Dichloropropane	8.94	63	25809	4.495	ug/l	97
46) Dibromomethane	9.07	93	21788	4.550	ug/l	86
47) Bromodichloromethane	9.39	83	60283	4.532	ug/l	95
48) Methyl methacrylate	9.13	41	17908	4.137	ug/l #	91
49) 1,4-Dioxane	9.09	88	2692	76.603	ug/l #	59
51) 4-Methyl-2-Pentanone	10.31	43	108699	24.389	ug/l	94
52) Toluene	10.52	92	75729	4.762	ug/l	92
53) t-1,3-Dichloropropene	10.92	75	51071	4.491	ug/l	90
54) cis-1,3-Dichloropropene	10.05	75	53053	4.513	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	24521	4.637	ug/l	97
56) Ethyl methacrylate	11.05	69	25369	4.536	ug/l	89
57) 1,3-Dichloropropane	11.42	76	37934	4.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	69119	23.845	ug/l	90
59) 2-Hexanone	11.54	43	66806	21.454	ug/l	98
60) Dibromochloromethane	11.69	129	45872	4.472	ug/l	100
61) 1,2-Dibromoethane	11.82	107	29568	4.726	ug/l	94
64) Tetrachloroethene	11.27	164	40554	4.548	ug/l	93
65) Chlorobenzene	12.41	112	87987	4.417	ug/l	91
66) 1,1,1,2-Tetrachloroethane	12.52	131	39696	4.264	ug/l	87
67) Ethyl Benzene	12.53	91	173838	4.843	ug/l	100
68) m/p-Xylenes	12.68	106	119127	9.772	ug/l	87
69) o-Xylene	13.06	106	57296	4.850	ug/l	94
70) Styrene	13.08	104	94966	4.756	ug/l	96
71) Bromoform	13.24	173	30079	4.641	ug/l #	92
73) Isopropylbenzene	13.41	105	174691	4.827	ug/l	99
74) N-amyl acetate	13.28	43	43496	4.678	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	23857	4.023	ug/l #	95
76) 1,2,3-Trichloropropane	13.74	75	28306	4.119	ug/l	86
77) Bromobenzene	13.68	156	45734	4.515	ug/l	94
78) n-propylbenzene	13.78	91	209542	4.969	ug/l	99
79) 2-Chlorotoluene	13.85	91	108028	4.376	ug/l	92
80) 1,3,5-Trimethylbenzene	13.94	105	152104	4.846	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	9129	4.910	ug/l	94
82) 4-Chlorotoluene	13.96	91	137890	4.644	ug/l	95
83) tert-Butylbenzene	14.19	119	170682	4.943	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	171189	5.455	ug/l	99
85) sec-Butylbenzene	14.37	105	185605	5.040	ug/l	91
86) p-Isopropyltoluene	14.50	119	166895	4.818	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	84227	4.763	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	83220	4.799	ug/l	97
89) n-Butylbenzene	14.80	91	142405	4.518	ug/l	97
90) Hexachloroethane	15.02	117	42152	4.554	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	66473	4.413	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	5260	4.371	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	52226	4.489	ug/l	97
94) Hexachlorobutadiene	16.04	225	40357	4.729	ug/l	95
95) Naphthalene	16.13	128	69267	4.218	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	38089	4.342	ug/l	91

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

