

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011949.D
 Acq On : 22 Jul 2019 15:36
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00132

Quant Time: Jul 23 06:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8531	0.84	ug/L	0.00
7) Chloroethane-d5	1.59	69	6737	0.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	15631	0.92	ug/L	0.00
20) 2-Butanone-d5	3.97	46	22328	8.55	ug/L	0.00
24) Chloroform-d	4.40	84	22406	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	10414	0.96	ug/L	0.00
32) Benzene-d6	5.10	84	41629	1.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11687	0.95	ug/L	0.00
41) Toluene-d8	7.36	98	37946	1.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	4690	1.02	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	18017	9.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8297	1.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	14401	1.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14136	0.945 ug/L	98
3) Chloromethane	1.25	50	8068	0.609 ug/L	94
5) Vinyl chloride	1.32	62	8100	0.630 ug/L	97
6) Bromomethane	1.54	94	4572	0.605 ug/L	97
8) Chloroethane	1.60	64	4550	0.623 ug/L	85
9) Trichlorofluoromethane	1.77	101	15363	0.890 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6991	0.857 ug/L	97
12) 1,1-Dichloroethene	2.14	96	6295	0.839 ug/L	95
13) Acetone	2.22	43	11167	8.326 ug/L	88
14) Carbon disulfide	2.32	76	17071	0.797 ug/L	97
15) Methyl Acetate	2.48	43	2824	1.022 ug/L #	81
16) Methylene chloride	2.54	84	7409	0.934 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	20696	0.890 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	9552	0.888 ug/L	95
19) 1,1-Dichloroethane	3.23	63	16525	0.820 ug/L	99
21) 2-Butanone	4.05	43	20313	7.816 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	10383	0.925 ug/L	95
23) Bromochloromethane	4.30	128	3941	0.858 ug/L	95
25) Chloroform	4.43	83	20912	0.947 ug/L	95
27) 1,2-Dichloroethane	5.18	62	10942	0.851 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	15550	0.894 ug/L	98
30) Cyclohexane	4.73	56	14438	0.807 ug/L	99
31) Carbon tetrachloride	4.87	117	13867	0.905 ug/L	100
33) Benzene	5.14	78	36326	0.839 ug/L	100
34) Trichloroethene	5.96	95	9969	0.827 ug/L	98
35) Methylcyclohexane	6.17	83	14653	0.800 ug/L	99
37) 1,2-Dichloropropane	6.22	63	9173	0.884 ug/L #	97
38) Bromodichloromethane	6.56	83	11651	0.885 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	12099	0.828 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	47105	7.587 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	38879	0.853	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	9356	0.804	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	5919	0.824	ug/L	90
47) Tetrachloroethene	8.02	164	8725	0.955	ug/L	98
48) 2-Hexanone	8.19	43	33222	7.495	ug/L	96
49) Dibromochloromethane	8.29	129	7164	0.898	ug/L	93
50) 1,2-Dibromoethane	8.40	107	5816	0.879	ug/L #	95
51) Chlorobenzene	8.92	112	26097	0.899	ug/L	98
52) Ethylbenzene	9.05	91	43967	0.870	ug/L	97
53) m,p-xylene	9.18	106	16297	0.862	ug/L	97
54) o-xylene	9.59	106	15109	0.860	ug/L	98
55) Styrene	9.60	104	24350	0.814	ug/L	98
56) Isopropylbenzene	9.97	105	42992	0.883	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	6608	0.949	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	4998	0.793	ug/L	99
61) Bromoform	9.77	173	3342	0.821	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	20328	0.887	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	21436	0.912	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	18756	0.879	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1199	0.992	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	17429	0.963	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	13508	0.942	ug/L	99
69) Naphthalene	13.55	128	18654	0.849	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	12166	0.937	ug/L	96

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

