

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014609.D
 Acq On : 19 Feb 2020 16:12
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010704

Quant Time: Feb 20 01:54:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 20 01:51:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264909	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249650	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	121641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100855	6.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	74931	6.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	187468	7.74	ug/L	0.00
20) 2-Butanone-d5	3.93	46	232804	63.54	ug/L	0.00
24) Chloroform-d	4.39	84	265812	8.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	160833	9.84	ug/L	0.00
32) Benzene-d6	5.09	84	677745	9.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	189303	8.64	ug/L	0.00
41) Toluene-d8	7.35	98	643919	9.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	85098	9.39	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	285968	83.79	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	141371	9.40	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	229925	10.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	255761	11.796 ug/L	100
3) Chloromethane	1.25	50	105321	5.786 ug/L	98
5) Vinyl chloride	1.32	62	114839	6.736 ug/L	97
6) Bromomethane	1.53	94	67034	6.997 ug/L	96
8) Chloroethane	1.60	64	57585	6.501 ug/L	99
9) Trichlorofluoromethane	1.76	101	230780	10.240 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93571	8.057 ug/L	98
12) 1,1-Dichloroethene	2.13	96	84608	7.858 ug/L	89
13) Acetone	2.20	43	117627	47.848 ug/L	100
14) Carbon disulfide	2.31	76	484342	8.997 ug/L	100
15) Methyl Acetate	2.46	43	45347	8.514 ug/L	89
16) Methylene chloride	2.53	84	165601	7.466 ug/L	100
17) Methyl tert-butyl Ether	2.80	73	381292	9.783 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	179706	10.070 ug/L	96
19) 1,1-Dichloroethane	3.22	63	295824	9.091 ug/L	99
21) 2-Butanone	4.02	43	248501	64.364 ug/L	92
22) cis-1,2-Dichloroethene	3.95	96	189361	10.037 ug/L	# 96
23) Bromochloromethane	4.29	128	80436	11.045 ug/L	95
25) Chloroform	4.42	83	398047	11.736 ug/L	100
27) 1,2-Dichloroethane	5.17	62	184724	10.133 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	305531	10.507 ug/L	98
30) Cyclohexane	4.72	56	281222	8.294 ug/L	97
31) Carbon tetrachloride	4.87	117	270183	10.686 ug/L	99
33) Benzene	5.14	78	695086	9.352 ug/L	100
34) Trichloroethene	5.95	95	194070	9.936 ug/L	96
35) Methylcyclohexane	6.17	83	325881	9.538 ug/L	100
37) 1,2-Dichloropropane	6.21	63	158076	8.866 ug/L	100
38) Bromodichloromethane	6.55	83	228415	9.867 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	274360	9.641 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	811896	78.178 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	768975	9.627	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	212652	9.676	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	120003	10.236	ug/L	98
47) Tetrachloroethene	8.01	164	155919	11.246	ug/L	99
48) 2-Hexanone	8.18	43	579782	81.479	ug/L	98
49) Dibromochloromethane	8.29	129	156407	10.697	ug/L	94
50) 1,2-Dibromoethane	8.39	107	118266	10.857	ug/L	92
51) Chlorobenzene	8.92	112	494625	10.028	ug/L	99
52) Ethylbenzene	9.05	91	868770	9.690	ug/L	100
53) m,p-xylene	9.18	106	335139	10.037	ug/L	98
54) o-xylene	9.58	106	323404	10.018	ug/L	98
55) Styrene	9.60	104	538877	10.071	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.28	83	137828	9.699	ug/L	99
59) Bromoform	9.77	173	81401	10.867	ug/L	99
60) Isopropylbenzene	9.97	105	868913	9.774	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	98551	9.297	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	750780	10.036	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	731519	9.833	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	401012	10.668	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	395314	10.344	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	354700	10.535	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	22912	8.574	ug/L	86
69) 1,3,5-Trichlorobenzene	12.68	180	301994	10.909	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	257797	11.026	ug/L	98
71) Naphthalene	13.54	128	454847	10.713	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	228803	11.314	ug/L	100

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

