

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017602.D
 Acq On : 23 Jul 2020 13:43
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01033

Quant Time: Jul 24 01:06:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 01:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	197947	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	190625	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	109162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96394	8.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	76270	8.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	211966	8.71	ug/L	0.00
20) 2-Butanone-d5	3.95	46	237505	101.85	ug/L	0.00
24) Chloroform-d	4.38	84	236014	9.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	121555	9.24	ug/L	0.00
32) Benzene-d6	5.07	84	427375	10.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	119652	10.06	ug/L	0.00
41) Toluene-d8	7.33	98	427537	10.29	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	55145	9.61	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	186428	108.46	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	83609	9.81	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	161145	8.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	201441	8.705 ug/L	99
3) Chloromethane	1.25	50	134064	8.609 ug/L	94
5) Vinyl chloride	1.32	62	133222	8.525 ug/L	99
6) Bromomethane	1.53	94	86711	9.074 ug/L	99
8) Chloroethane	1.60	64	76502	8.478 ug/L	96
9) Trichlorofluoromethane	1.76	101	234906	8.238 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	108047	8.142 ug/L	96
12) 1,1-Dichloroethene	2.13	96	101187	8.625 ug/L	95
13) Acetone	2.23	43	164603	93.657 ug/L #	53
14) Carbon disulfide	2.31	76	306196	8.531 ug/L	96
15) Methyl Acetate	2.46	43	36148	10.324 ug/L #	82
16) Methylene chloride	2.52	84	101458	7.186 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	260096	8.855 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	109917	8.780 ug/L	97
19) 1,1-Dichloroethane	3.21	63	233894	9.502 ug/L	98
21) 2-Butanone	4.03	43	297743	108.404 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	141236	10.044 ug/L	100
23) Bromochloromethane	4.27	128	65263	10.362 ug/L	87
25) Chloroform	4.40	83	262614	9.832 ug/L	97
27) 1,2-Dichloroethane	5.16	62	167838	9.591 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	254651	9.565 ug/L	98
30) Cyclohexane	4.70	56	205310	9.925 ug/L	99
31) Carbon tetrachloride	4.85	117	231545	9.449 ug/L	100
33) Benzene	5.12	78	524833	10.341 ug/L	100
34) Trichloroethene	5.94	95	146651	9.617 ug/L	99
35) Methylcyclohexane	6.15	83	217909	9.533 ug/L	98
37) 1,2-Dichloropropane	6.20	63	121433	10.196 ug/L	99
38) Bromodichloromethane	6.53	83	182297	10.113 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	196153	10.519 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	710815	112.058 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	590866	10.562	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	589123	10.720	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	607118	11.057	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	174741	10.569	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	88640	9.916	ug/L	94
49) Tetrachloroethene	8.00	164	126787	9.747	ug/L	99
50) 2-Hexanone	8.16	43	510518	109.409	ug/L	98
51) Dibromochloromethane	8.27	129	121820	10.112	ug/L	99
52) 1,2-Dibromoethane	8.37	107	85699	9.842	ug/L	98
53) Chlorobenzene	8.90	112	376807	10.079	ug/L	99
54) Ethylbenzene	9.03	91	667298	10.480	ug/L	99
55) m,p-xylene	9.16	106	252338	10.453	ug/L	96
56) o-xylene	9.56	106	243998	10.386	ug/L	100
57) Styrene	9.58	104	418805	10.668	ug/L	100
58) Isopropylbenzene	9.95	105	683710	10.415	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	99741	10.879	ug/L	98
62) Bromoform	9.75	173	67782	9.506	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	332835	9.748	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	332164	9.784	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	300611	9.662	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	19747	10.143	ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	276528	9.986	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	236274	10.286	ug/L	100
70) Naphthalene	13.52	128	352768	10.839	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	209534	10.556	ug/L	99

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

