

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040620\
 Data File : VV015410.D
 Acq On : 06 Apr 2020 14:53
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Apr 07 02:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 07 02:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90025	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	96246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146219	21.41	ug/L	0.00
7) Chloroethane-d5	1.59	69	126300	23.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	329640	26.80	ug/L	0.00
20) 2-Butanone-d5	4.00	46	330385	230.35	ug/L	0.00
24) Chloroform-d	4.38	84	279066	22.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	115130	17.81	ug/L	0.00
32) Benzene-d6	5.07	84	446993	15.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	140129	17.10	ug/L	0.00
41) Toluene-d8	7.35	98	496098	20.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	62721	19.47	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	273014	208.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	110693	18.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	178053	20.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	178236	18.594	ug/L	100
3) Chloromethane	1.25	50	184190	20.465	ug/L	99
5) Vinyl chloride	1.33	62	198813	23.340	ug/L	100
6) Bromomethane	1.54	94	126837	25.826	ug/L	99
8) Chloroethane	1.60	64	115983	23.868	ug/L	99
9) Trichlorofluoromethane	1.77	101	287640	24.401	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	182466	28.412	ug/L	99
12) 1,1-Dichloroethene	2.14	96	170079	27.970	ug/L	88
13) Acetone	2.27	43	200564	207.528	ug/L	97
14) Carbon disulfide	2.31	76	539433	26.482	ug/L	100
15) Methyl Acetate	2.48	43	80968	31.378	ug/L #	86
16) Methylene chloride	2.53	84	170347	23.132	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	368726	23.424	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	168809	23.853	ug/L	98
19) 1,1-Dichloroethane	3.21	63	294840	21.785	ug/L	99
21) 2-Butanone	4.08	43	349852	214.352	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	173773	23.028	ug/L #	97
23) Bromochloromethane	4.27	128	72656	23.791	ug/L	98
25) Chloroform	4.40	83	325895	23.444	ug/L	99
27) 1,2-Dichloroethane	5.16	62	142114	18.258	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	288066	22.066	ug/L	99
30) Cyclohexane	4.68	56	262547	18.440	ug/L	100
31) Carbon tetrachloride	4.84	117	187526	16.635	ug/L	98
33) Benzene	5.12	78	518213	16.780	ug/L	100
34) Trichloroethene	5.94	95	144817	17.993	ug/L	96
35) Methylcyclohexane	6.15	83	254769	18.369	ug/L	94
37) 1,2-Dichloropropane	6.21	63	121899	16.055	ug/L	99
38) Bromodichloromethane	6.54	83	172310	18.123	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	204098	18.132	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	700246	156.418	ug/L	99

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42) Toluene	7.42	91	636886	19.637	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	178628	20.355	ug/L	100
45) 1,1,2-Trichloroethane	7.87	97	93711	18.765	ug/L	97
47) Tetrachloroethene	8.01	164	112395	17.776	ug/L	99
48) 2-Hexanone	8.18	43	516144	161.913	ug/L	98
49) Dibromochloromethane	8.28	129	118666	20.982	ug/L	98
50) 1,2-Dibromoethane	8.39	107	91825	19.246	ug/L	96
51) Chlorobenzene	8.91	112	414220	19.983	ug/L	99
52) Ethylbenzene	9.04	91	744982	20.082	ug/L	99
53) m,p-xylene	9.17	106	296277	21.602	ug/L	96
54) o-xylene	9.57	106	281003	21.094	ug/L	99
55) Styrene	9.59	104	475302	21.346	ug/L	100
56) Isopropylbenzene	9.95	105	757661	21.061	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	109042	17.722	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	81414	18.060	ug/L	95
61) Bromoform	9.76	173	57223	20.643	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	331598	20.244	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	329674	19.643	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	296141	19.661	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	20405	19.929	ug/L #	84
67) 1,3,5-Trichlorobenzene	12.67	180	235730	18.307	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	205723	18.536	ug/L	99
69) Naphthalene	13.53	128	408452	21.806	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	178400	18.083	ug/L	99

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

