

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017810.D
 Acq On : 06 Aug 2020 16:57
 Operator : JC/SP
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01065

Quant Time: Aug 07 02:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 01:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	303418	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	294445	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	162859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	237578	10.25	ug/L	0.00
7) Chloroethane-d5	1.68	69	187399	11.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	507972	11.34	ug/L	0.00
20) 2-Butanone-d5	4.54	46	685498	149.66	ug/L	0.00
24) Chloroform-d	5.14	84	503856	12.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	267048	11.66	ug/L	0.00
32) Benzene-d6	6.05	84	951440	12.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	286265	12.80	ug/L	0.00
41) Toluene-d8	8.70	98	902482	12.53	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	125536	12.97	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	562341	155.81	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	226720	13.19	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	357597	12.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	400543	11.919 ug/L	97
3) Chloromethane	1.31	50	338691	11.027 ug/L	97
5) Vinyl chloride	1.39	62	324200	11.078 ug/L	96
6) Bromomethane	1.62	94	190755	11.636 ug/L	92
8) Chloroethane	1.70	64	182450	11.269 ug/L	98
9) Trichlorofluoromethane	1.91	101	534627	12.456 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	294674	12.498 ug/L	99
12) 1,1-Dichloroethene	2.35	96	265338	12.115 ug/L #	82
13) Acetone	2.42	43	470292	130.410 ug/L	98
14) Carbon disulfide	2.54	76	950666	12.782 ug/L	99
15) Methyl Acetate	2.75	43	127616	12.076 ug/L	95
16) Methylene chloride	2.83	84	297319	9.908 ug/L	94
17) Methyl tert-butyl Ether	3.17	73	734802	13.868 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	305351	13.046 ug/L	96
19) 1,1-Dichloroethane	3.67	63	539424	12.979 ug/L	99
21) 2-Butanone	4.64	43	841896	144.515 ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	322458	13.902 ug/L #	99
23) Bromochloromethane	4.98	128	151071	13.413 ug/L	95
25) Chloroform	5.18	83	573349	13.090 ug/L	99
27) 1,2-Dichloroethane	6.16	62	374257	13.313 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	545558	13.159 ug/L	100
30) Cyclohexane	5.54	56	498063	14.845 ug/L	97
31) Carbon tetrachloride	5.75	117	512586	13.700 ug/L	99
33) Benzene	6.11	78	1197899	13.241 ug/L	100
34) Trichloroethene	7.19	95	340228	13.676 ug/L	97
35) Methylcyclohexane	7.44	83	516296	15.255 ug/L	99
37) 1,2-Dichloropropane	7.49	63	302910	13.497 ug/L	99
38) Bromodichloromethane	7.87	83	419718	13.521 ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	465884	13.992 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	2056410	151.565 ug/L	99

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

42) Toluene	8.77	91	1327152	14.328	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	1286785	14.888	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	1328565	15.304	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	420796	14.453	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	224185	13.975	ug/L	97
49) Tetrachloroethene	9.32	164	280355	13.828	ug/L	98
50) 2-Hexanone	9.48	43	1483907	149.391	ug/L	99
51) Dibromochloromethane	9.57	129	308104	13.910	ug/L	94
52) 1,2-Dibromoethane	9.65	107	223017	13.980	ug/L #	99
53) Chlorobenzene	10.12	112	862863	13.860	ug/L	97
54) Ethylbenzene	10.24	91	1470082	14.743	ug/L	100
55) m,p-xylene	10.34	106	564819	14.217	ug/L	97
56) o-xylene	10.68	106	552114	14.259	ug/L	92
57) Styrene	10.70	104	960044	14.905	ug/L	96
58) Isopropylbenzene	11.00	105	1488184	14.847	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	256875	13.945	ug/L	100
62) Bromoform	10.84	173	189692	13.902	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	722564	13.039	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	719721	13.158	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	676199	13.206	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	55908	12.503	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	544932	12.146	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	482160	14.109	ug/L	100
70) Naphthalene	13.82	128	931274	15.540	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	450557	14.199	ug/L	99

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

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