

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017809.D
 Acq On : 06 Aug 2020 16:32
 Operator : JC/SP
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00564

Quant Time: Aug 07 02:01:58 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	324348	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	310393	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117636	4.75	ug/L	0.00
7) Chloroethane-d5	1.68	69	92288	5.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	248045	5.18	ug/L	0.00
20) 2-Butanone-d5	4.53	46	327649	66.92	ug/L	0.00
24) Chloroform-d	5.14	84	240748	5.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	132930	5.43	ug/L	0.00
32) Benzene-d6	6.05	84	459805	5.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	138426	5.87	ug/L	0.00
41) Toluene-d8	8.70	98	440729	5.81	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	61104	5.99	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	266273	69.99	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	107088	5.91	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	168909	5.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	196049	5.457 ug/L	100
3) Chloromethane	1.31	50	158195	4.818 ug/L	100
5) Vinyl chloride	1.39	62	158601	5.070 ug/L	100
6) Bromomethane	1.62	94	91350	5.213 ug/L	100
8) Chloroethane	1.71	64	87756	5.071 ug/L	100
9) Trichlorofluoromethane	1.92	101	258623	5.637 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	149505	5.932 ug/L	100
12) 1,1-Dichloroethene	2.36	96	133661	5.709 ug/L	100
13) Acetone	2.42	43	225777	58.567 ug/L	100
14) Carbon disulfide	2.55	76	456180	5.738 ug/L	100
15) Methyl Acetate	2.75	43	61442	5.439 ug/L	100
16) Methylene chloride	2.83	84	149503	4.660 ug/L	100
17) Methyl tert-butyl Ether	3.17	73	348381	6.151 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	142655	5.702 ug/L	100
19) 1,1-Dichloroethane	3.67	63	262880	5.917 ug/L	100
21) 2-Butanone	4.64	43	397506	63.831 ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	153387	6.186 ug/L	100
23) Bromochloromethane	4.98	128	72734	6.041 ug/L	100
25) Chloroform	5.18	83	281610	6.014 ug/L	100
27) 1,2-Dichloroethane	6.16	62	183610	6.110 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	267198	6.114 ug/L	100
30) Cyclohexane	5.54	56	233597	6.605 ug/L	100
31) Carbon tetrachloride	5.75	117	242542	6.149 ug/L	100
33) Benzene	6.11	78	582274	6.106 ug/L	100
34) Trichloroethene	7.19	95	163017	6.216 ug/L	100
35) Methylcyclohexane	7.44	83	240428	6.739 ug/L	100
37) 1,2-Dichloropropane	7.49	63	143114	6.049 ug/L	100
38) Bromodichloromethane	7.88	83	201706	6.164 ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	220746	6.289 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	975118	68.177 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	637946	6.533	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	594806	6.528	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	607936	6.643	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	201330	6.560	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	109417	6.470	ug/L	100
49) Tetrachloroethene	9.32	164	133405	6.242	ug/L	100
50) 2-Hexanone	9.48	43	712670	68.061	ug/L	100
51) Dibromochloromethane	9.57	129	149630	6.408	ug/L	100
52) 1,2-Dibromoethane	9.65	107	107734	6.406	ug/L	100
53) Chlorobenzene	10.12	112	404820	6.168	ug/L	100
54) Ethylbenzene	10.24	91	688191	6.547	ug/L	100
55) m,p-xylene	10.34	106	271979	6.494	ug/L	100
56) o-xylene	10.68	106	259194	6.350	ug/L	100
57) Styrene	10.70	104	446617	6.578	ug/L	100
58) Isopropylbenzene	11.00	105	693613	6.564	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	121703	6.268	ug/L	100
62) Bromoform	10.84	173	85716	6.263	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	346884	6.241	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	343496	6.261	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	312122	6.077	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	25484	5.682	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	250855	5.574	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	219236	6.396	ug/L	100
70) Naphthalene	13.82	128	400733	6.667	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	211866	6.657	ug/L	100

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

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