

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017808.D
 Acq On : 06 Aug 2020 16:07
 Operator : JC/SP
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00163

Quant Time: Aug 07 02:01:31 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	6.84	114	318064	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	305921	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	148406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	20801	0.86	ug/L	0.00
7) Chloroethane-d5	1.69	69	17072	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	42184	0.90	ug/L	0.00
20) 2-Butanone-d5	4.54	46	47479	9.89	ug/L	0.01
24) Chloroform-d	5.14	84	41701	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	22293	0.93	ug/L	0.00
32) Benzene-d6	6.05	84	78750	1.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	24620	1.06	ug/L	0.00
41) Toluene-d8	8.70	98	71723	0.96	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	9462	0.94	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	35547	9.48	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	16612	0.93	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	27350	1.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	32836	0.932 ug/L	100
3) Chloromethane	1.31	50	27050	0.840 ug/L	99
5) Vinyl chloride	1.39	62	25757	0.840 ug/L	94
6) Bromomethane	1.64	94	15201	0.885 ug/L	94
8) Chloroethane	1.72	64	15723	0.926 ug/L	94
9) Trichlorofluoromethane	1.92	101	42977	0.955 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	21723	0.879 ug/L	98
12) 1,1-Dichloroethene	2.36	96	20998	0.915 ug/L	90
13) Acetone	2.42	43	35854	9.484 ug/L	100
14) Carbon disulfide	2.55	76	78509	1.007 ug/L	96
15) Methyl Acetate	2.75	43	11587	1.046 ug/L #	90
16) Methylene chloride	2.84	84	32773	1.042 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	54129	0.975 ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	24192	0.986 ug/L	94
19) 1,1-Dichloroethane	3.67	63	44271	1.016 ug/L	96
21) 2-Butanone	4.64	43	57145	9.358 ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	24061	0.990 ug/L #	97
23) Bromochloromethane	4.98	128	11909	1.009 ug/L	88
25) Chloroform	5.17	83	47950	1.044 ug/L	97
27) 1,2-Dichloroethane	6.17	62	29295	0.994 ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	44594	1.035 ug/L	98
30) Cyclohexane	5.54	56	35974	1.032 ug/L	95
31) Carbon tetrachloride	5.76	117	41209	1.060 ug/L	98
33) Benzene	6.11	78	93632	0.996 ug/L	100
34) Trichloroethene	7.19	95	28685	1.110 ug/L	99
35) Methylcyclohexane	7.44	83	32963	0.937 ug/L	93
37) 1,2-Dichloropropane	7.49	63	22529	0.966 ug/L #	94
38) Bromodichloromethane	7.87	83	32725	1.015 ug/L #	95
39) cis-1,3-Dichloropropene	8.42	75	35479	1.026 ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	134684	9.554 ug/L	98

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

42) Toluene	8.76	91	98398	1.022	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	79922	0.890	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	78504	0.870	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	29235	0.966	ug/L	89
47) 1,1,2-Trichloroethane	9.20	97	16838	1.010	ug/L	87
49) Tetrachloroethene	9.32	164	21966	1.043	ug/L	92
50) 2-Hexanone	9.48	43	92909	9.003	ug/L	100
51) Dibromochloromethane	9.57	129	24057	1.045	ug/L	93
52) 1,2-Dibromoethane	9.65	107	16601	1.002	ug/L #	99
53) Chlorobenzene	10.12	112	65807	1.017	ug/L	96
54) Ethylbenzene	10.24	91	107365	1.036	ug/L	97
55) m,p-xylene	10.34	106	39231	0.950	ug/L	97
56) o-xylene	10.68	106	38389	0.954	ug/L	94
57) Styrene	10.70	104	63976	0.956	ug/L	93
58) Isopropylbenzene	11.00	105	100794	0.968	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.26	83	17774	0.929	ug/L	95
62) Bromoform	10.84	173	13002	1.046	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	51836	1.027	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	51084	1.025	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	48602	1.042	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	4000	0.982	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	35787	0.875	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	30944	0.994	ug/L	99
70) Naphthalene	13.82	128	54177	0.992	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	30392	1.051	ug/L	96

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

