

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092220\
 Data File : VX018529.D
 Acq On : 22 Sep 2020 19:06
 Operator : JC/SP
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005303

Quant Time: Sep 23 03:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 03:43:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	292618	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	276880	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	143114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78076	6.63	ug/L	0.00
7) Chloroethane-d5	1.70	69	62839	6.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	173861	7.54	ug/L	0.00
20) 2-Butanone-d5	4.56	46	191438	74.95	ug/L	0.00
24) Chloroform-d	5.15	84	170495	6.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	91403	5.49	ug/L	0.00
32) Benzene-d6	6.05	84	319628	4.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	96211	4.86	ug/L	0.00
41) Toluene-d8	8.70	98	311392	4.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	41897	4.95	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	157600	53.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	73731	5.01	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	111855	4.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	88194	3.371	ug/L 100
3) Chloromethane	1.31	50	74915	5.917	ug/L 100
5) Vinyl chloride	1.39	62	76933	5.858	ug/L 100
6) Bromomethane	1.64	94	45780	5.842	ug/L 100
8) Chloroethane	1.72	64	44841	6.345	ug/L 100
9) Trichlorofluoromethane	1.92	101	131239	5.131	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	74174	6.423	ug/L 100
12) 1,1-Dichloroethene	2.36	96	70117	6.689	ug/L 100
13) Acetone	2.47	43	103773	69.970	ug/L 100
14) Carbon disulfide	2.55	76	214081	4.155	ug/L 100
15) Methyl Acetate	2.76	43	30468	5.892	ug/L 100
16) Methylene chloride	2.84	84	75280	3.872	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	153333	3.938	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	69335	3.701	ug/L 100
19) 1,1-Dichloroethane	3.67	63	122349	3.955	ug/L 100
21) 2-Butanone	4.67	43	165664	65.187	ug/L 100
22) cis-1,2-Dichloroethene	4.57	96	70163	3.550	ug/L 100
23) Bromochloromethane	4.98	128	33717	4.020	ug/L 100
25) Chloroform	5.18	83	138860	3.265	ug/L 100
27) 1,2-Dichloroethane	6.17	62	86929	4.570	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	127523	3.955	ug/L 100
30) Cyclohexane	5.55	56	105919	3.597	ug/L 100
31) Carbon tetrachloride	5.75	117	116202	4.144	ug/L 100
33) Benzene	6.12	78	270448	3.757	ug/L 100
34) Trichloroethene	7.19	95	75284	3.669	ug/L 100
35) Methylcyclohexane	7.44	83	105958	3.182	ug/L 100
37) 1,2-Dichloropropane	7.49	63	66357	3.892	ug/L 100
38) Bromodichloromethane	7.87	83	96136	3.975	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	98439	3.704	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	405934	48.038	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	289082	3.692	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	90404	4.162	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	49647	3.925	ug/L	100
47) Tetrachloroethene	9.32	164	62764	3.856	ug/L	100
48) 2-Hexanone	9.48	43	297212	48.608	ug/L	100
49) Dibromochloromethane	9.57	129	66907	4.082	ug/L	100
50) 1,2-Dibromoethane	9.65	107	48544	4.008	ug/L	100
51) Chlorobenzene	10.12	112	191857	3.688	ug/L	100
52) Ethylbenzene	10.24	91	312716	3.524	ug/L	100
53) m,p-xylene	10.34	106	122311	3.597	ug/L	100
54) o-xylene	10.68	106	114150	3.505	ug/L	100
55) Styrene	10.70	104	196558	3.641	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	56768	3.963	ug/L	100
59) Bromoform	10.84	173	37455	4.273	ug/L	100
60) Isopropylbenzene	11.00	105	312951	3.423	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	43391	4.040	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	251493	3.319	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	257250	3.447	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	155643	3.580	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	153252	3.603	ug/L	100
67) 1,2-Dichlorobenzene	12.38	146	142862	3.720	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	11297	4.348	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	111055	3.489	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	92110	3.474	ug/L	100
71) Naphthalene	13.82	128	155452	3.458	ug/L	100
72) 1,2,3-Trichlorobenzene	14.01	180	85297	3.648	ug/L	100

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

