

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010521\
 Data File : VX020501.D
 Acq On : 05 Jan 2021 16:31
 Operator : JC/MD
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001303

Quant Time: Jan 06 04:38:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:37:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	155789	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	153977	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	74005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12382	1.18	ug/L	0.00
7) Chloroethane-d5	1.70	69	10995	1.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	22758	1.10	ug/L	0.00
20) 2-Butanone-d5	4.55	46	25733	11.31	ug/L	0.02
24) Chloroform-d	5.14	84	23761	1.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	11940	1.08	ug/L	0.00
32) Benzene-d6	6.04	84	46667	1.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	14198	1.14	ug/L	0.00
41) Toluene-d8	8.70	98	40166	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	4552	0.89	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	19018	8.35	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	9989	1.07	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	13406	0.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	14477	1.061	ug/L 99
3) Chloromethane	1.31	50	13544	1.155	ug/L 96
5) Vinyl chloride	1.39	62	14830	1.129	ug/L 99
6) Bromomethane	1.64	94	7879	0.960	ug/L 95
8) Chloroethane	1.72	64	8989	1.133	ug/L 97
9) Trichlorofluoromethane	1.92	101	18696	1.006	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	10343	0.981	ug/L 97
12) 1,1-Dichloroethene	2.36	96	10243	0.998	ug/L 92
13) Acetone	2.43	43	14990	11.362	ug/L 100
14) Carbon disulfide	2.55	76	33886	1.044	ug/L 96
15) Methyl Acetate	2.75	43	3969	1.133	ug/L 97
16) Methylene chloride	2.84	84	12409	1.003	ug/L 94
17) Methyl tert-butyl Ether	3.17	73	22148	0.917	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	10963	1.006	ug/L 98
19) 1,1-Dichloroethane	3.67	63	20622	1.097	ug/L 96
21) 2-Butanone	4.65	43	24263	10.611	ug/L 98
22) cis-1,2-Dichloroethene	4.56	96	11731	1.010	ug/L 98
23) Bromochloromethane	4.98	128	5714	1.176	ug/L 92
25) Chloroform	5.18	83	22307	1.135	ug/L 98
27) 1,2-Dichloroethane	6.15	62	12580	1.041	ug/L 97
29) 1,1,1-Trichloroethane	5.46	97	18442	0.959	ug/L 98
30) Cyclohexane	5.55	56	15504	0.816	ug/L 100
31) Carbon tetrachloride	5.75	117	15300	0.928	ug/L 95
33) Benzene	6.11	78	46256	0.974	ug/L 100
34) Trichloroethene	7.18	95	12040	0.948	ug/L 96
35) Methylcyclohexane	7.44	83	15259	0.747	ug/L 100
37) 1,2-Dichloropropane	7.49	63	11705	1.043	ug/L 98
38) Bromodichloromethane	7.87	83	14230	0.988	ug/L 96
39) cis-1,3-Dichloropropene	8.42	75	14419	0.863	ug/L 98
40) 4-Methyl-2-pentanone	8.62	43	51839	8.786	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	46628	0.917	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	11992	0.853	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	8447	1.043	ug/L	98
47) Tetrachloroethene	9.32	164	9471	0.956	ug/L	98
48) 2-Hexanone	9.47	43	35959	8.641	ug/L	98
49) Dibromochloromethane	9.56	129	8636	0.923	ug/L	100
50) 1,2-Dibromoethane	9.65	107	7498	0.997	ug/L	96
51) Chlorobenzene	10.12	112	30840	0.967	ug/L	98
52) Ethylbenzene	10.23	91	45947	0.823	ug/L	99
53) m,p-xylene	10.34	106	17147	0.799	ug/L	92
54) o-xylene	10.68	106	16355	0.800	ug/L	99
55) Styrene	10.70	104	26018	0.769	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	9078	0.987	ug/L	90
59) Bromoform	10.84	173	4660	0.960	ug/L	98
60) Isopropylbenzene	11.00	105	42633	0.794	ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	7001	1.056	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	31164	0.700	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	29996	0.664	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	21836	0.905	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	22282	0.918	ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	20415	0.920	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	1406	0.943	ug/L	87
69) 1,3,5-Trichlorobenzene	13.15	180	16069	0.909	ug/L	95
70) 1,2,4-trichlorobenzene	13.63	180	11869	0.775	ug/L	96
71) Naphthalene	13.82	128	17258	0.643	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	10860	0.796	ug/L	96

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

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