

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018530.D
 Acq On : 22 Sep 2020 19:31
 Operator : JC/SP
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010304

Quant Time: Sep 23 03:51:43 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	298637	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	286715	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	151209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	164815	13.71	ug/L	0.00
7) Chloroethane-d5	1.70	69	124568	13.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	353249	15.00	ug/L	0.00
20) 2-Butanone-d5	4.56	46	404826	155.30	ug/L	0.00
24) Chloroform-d	5.14	84	350307	12.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	189411	11.14	ug/L	0.00
32) Benzene-d6	6.05	84	668507	9.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	198490	9.68	ug/L	0.00
41) Toluene-d8	8.70	98	653275	9.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	85136	9.71	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	350706	115.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	150413	9.86	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	235043	9.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	175255	6.564	ug/L 100
3) Chloromethane	1.31	50	147833	11.441	ug/L 98
5) Vinyl chloride	1.39	62	154240	11.507	ug/L 95
6) Bromomethane	1.64	94	90750	11.347	ug/L 92
8) Chloroethane	1.71	64	88590	12.282	ug/L 99
9) Trichlorofluoromethane	1.92	101	257844	9.878	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	147340	12.502	ug/L 98
12) 1,1-Dichloroethene	2.35	96	137284	12.833	ug/L 98
13) Acetone	2.46	43	205848	135.998	ug/L 98
14) Carbon disulfide	2.55	76	428753	8.154	ug/L 95
15) Methyl Acetate	2.76	43	53007	10.044	ug/L 92
16) Methylene chloride	2.84	84	140152	7.064	ug/L 97
17) Methyl tert-butyl Ether	3.17	73	318832	8.024	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	141116	7.380	ug/L 96
19) 1,1-Dichloroethane	3.67	63	254120	8.049	ug/L 98
21) 2-Butanone	4.66	43	346396	133.556	ug/L 98
22) cis-1,2-Dichloroethene	4.57	96	144040	7.142	ug/L # 86
23) Bromochloromethane	4.98	128	71177	8.316	ug/L 97
25) Chloroform	5.18	83	276445	6.370	ug/L 94
27) 1,2-Dichloroethane	6.17	62	173725	8.949	ug/L 99
29) 1,1,1-Trichloroethane	5.46	97	257437	7.711	ug/L 97
30) Cyclohexane	5.55	56	218315	7.159	ug/L 99
31) Carbon tetrachloride	5.76	117	238336	8.209	ug/L 99
33) Benzene	6.11	78	540367	7.250	ug/L 100
34) Trichloroethene	7.19	95	151482	7.129	ug/L 94
35) Methylcyclohexane	7.44	83	226450	6.567	ug/L 97
37) 1,2-Dichloropropane	7.49	63	138369	7.838	ug/L 99
38) Bromodichloromethane	7.87	83	193411	7.722	ug/L 96
39) cis-1,3-Dichloropropene	8.41	75	209707	7.620	ug/L 98
40) 4-Methyl-2-pentanone	8.62	43	854236	97.623	ug/L 99

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

42) Toluene	8.76	91	599412	7.393	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	188525	8.381	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	99067	7.563	ug/L	94
47) Tetrachloroethene	9.32	164	128680	7.635	ug/L	97
48) 2-Hexanone	9.48	43	618533	97.689	ug/L	99
49) Dibromochloromethane	9.57	129	132897	7.830	ug/L	95
50) 1,2-Dibromoethane	9.65	107	93877	7.485	ug/L #	96
51) Chlorobenzene	10.12	112	384765	7.142	ug/L	95
52) Ethylbenzene	10.24	91	653553	7.113	ug/L	97
53) m,p-xylene	10.34	106	262075	7.442	ug/L	97
54) o-xylene	10.68	106	243452	7.219	ug/L	99
55) Styrene	10.69	104	419374	7.502	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	117643	7.931	ug/L	100
59) Bromoform	10.84	173	79052	8.536	ug/L	96
60) Isopropylbenzene	11.01	105	661130	6.844	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	87545	7.715	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	544710	6.804	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	570169	7.231	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	318198	6.928	ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	316640	7.046	ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	303045	7.469	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	23253	8.471	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	228079	6.782	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	199252	7.112	ug/L	97
71) Naphthalene	13.82	128	338847	7.133	ug/L	98
72) 1,2,3-Trichlorobenzene	14.00	180	178657	7.231	ug/L	96

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

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