

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019171.D
 Acq On : 28 Oct 2020 18:18
 Operator : JC/MD
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010304

Quant Time: Oct 29 06:01:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 05:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	204382	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	181938	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	91289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136296	10.31	ug/L	0.00
7) Chloroethane-d5	1.70	69	112259	10.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	266492	10.26	ug/L	0.00
20) 2-Butanone-d5	4.55	46	314160	102.96	ug/L	-0.01
24) Chloroform-d	5.14	84	263250	10.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	132804	9.91	ug/L	0.00
32) Benzene-d6	6.04	84	523438	10.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	149172	10.36	ug/L	0.00
41) Toluene-d8	8.70	98	486453	10.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	66374	10.66	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	296662	105.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	118314	10.66	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	178164	10.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	179851	10.349 ug/L	99
3) Chloromethane	1.31	50	152072	10.139 ug/L	99
5) Vinyl chloride	1.39	62	172093	10.180 ug/L	99
6) Bromomethane	1.64	94	110732	10.336 ug/L	96
8) Chloroethane	1.72	64	103904	10.217 ug/L	100
9) Trichlorofluoromethane	1.92	101	253445	10.351 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	143123	10.230 ug/L	99
12) 1,1-Dichloroethene	2.36	96	136836	10.061 ug/L	96
13) Acetone	2.45	43	176226	101.093 ug/L	98
14) Carbon disulfide	2.55	76	424139	10.351 ug/L	100
15) Methyl Acetate	2.76	43	48268	10.139 ug/L	98
16) Methylene chloride	2.83	84	141489	10.067 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	331202	10.137 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	144861	10.239 ug/L	98
19) 1,1-Dichloroethane	3.67	63	249758	10.299 ug/L	99
21) 2-Butanone	4.65	43	303952	99.592 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	155471	10.417 ug/L	99
23) Bromochloromethane	4.98	128	65132	10.202 ug/L	97
25) Chloroform	5.17	83	259067	10.379 ug/L	95
27) 1,2-Dichloroethane	6.16	62	161802	10.183 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	243394	10.518 ug/L	99
30) Cyclohexane	5.54	56	240528	10.524 ug/L	100
31) Carbon tetrachloride	5.75	117	207502	10.656 ug/L	100
33) Benzene	6.11	78	576249	10.309 ug/L	100
34) Trichloroethene	7.18	95	156647	10.277 ug/L	98
35) Methylcyclohexane	7.44	83	260127	10.628 ug/L	99
37) 1,2-Dichloropropane	7.49	63	137073	10.308 ug/L	100
38) Bromodichloromethane	7.87	83	182323	10.637 ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	216841	10.661 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	751369	103.249 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	626123	10.301	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	182866	10.597	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	99554	10.211	ug/L	99
47) Tetrachloroethene	9.32	164	120402	10.352	ug/L	98
48) 2-Hexanone	9.48	43	531110	103.788	ug/L	99
49) Dibromochloromethane	9.56	129	119984	10.723	ug/L	100
50) 1,2-Dibromoethane	9.65	107	94280	10.425	ug/L	94
51) Chlorobenzene	10.12	112	400726	10.568	ug/L	99
52) Ethylbenzene	10.23	91	712062	10.503	ug/L	99
53) m,p-xylene	10.34	106	276815	10.614	ug/L	99
54) o-xylene	10.68	106	262440	10.487	ug/L	96
55) Styrene	10.70	104	444730	10.776	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	116985	10.483	ug/L	100
59) Bromoform	10.84	173	65020	10.444	ug/L	98
60) Isopropylbenzene	11.00	105	716262	10.310	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	84863	9.850	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	613454	10.420	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	619017	10.378	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	314773	10.109	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	312229	10.293	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	290223	10.202	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	19787	9.951	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	238245	10.251	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	207658	10.502	ug/L	99
71) Naphthalene	13.82	128	379390	10.303	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	181493	10.325	ug/L	99

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

