

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110120\
 Data File : VX019202.D
 Acq On : 30 Oct 2020 15:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005312

Quant Time: Oct 30 15:08:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 30 08:55:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	226531	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	206401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	98522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56454	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.70	69	49119	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.34	63	118148	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.55	46	140442	43.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	5.14	84	116193	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	6.03	65	62595	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	6.04	84	230955	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	7.36	67	67423	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	8.69	98	219403	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.99	79	28212	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	9.43	63	130344	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	51361	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	77724	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	79700	4.255	ug/L 100
3) Chloromethane	1.31	50	71497	4.424	ug/L 100
5) Vinyl chloride	1.39	62	78754	4.327	ug/L 99
6) Bromomethane	1.64	94	48870	4.167	ug/L 98
8) Chloroethane	1.72	64	47702	4.323	ug/L 99
9) Trichlorofluoromethane	1.92	101	114636	4.362	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	65536	4.388	ug/L 99
12) 1,1-Dichloroethene	2.36	96	63406	4.365	ug/L 96
13) Acetone	2.45	43	78706	43.099	ug/L 97
14) Carbon disulfide	2.55	76	187933	4.171	ug/L 99
15) Methyl Acetate	2.76	43	22146	4.545	ug/L 100
16) Methylene chloride	2.83	84	67516	3.898	ug/L 95
17) Methyl tert-butyl Ether	3.17	73	149096	4.287	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	66161	4.329	ug/L 98
19) 1,1-Dichloroethane	3.67	63	112548	4.302	ug/L 99
21) 2-Butanone	4.66	43	135993	42.403	ug/L 98
22) cis-1,2-Dichloroethene	4.56	96	69381	4.262	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	29103	4.300	ug/L	88
25) Chloroform	5.17	83	117603	4.323	ug/L	95
27) 1,2-Dichloroethane	6.15	62	74312	4.366	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	108670	4.265	ug/L	99
30) Cyclohexane	5.54	56	106197	4.180	ug/L	100
31) Carbon tetrachloride	5.74	117	92694	4.270	ug/L	100
33) Benzene	6.10	78	263396	4.284	ug/L	100
34) Trichloroethene	7.18	95	71084	4.228	ug/L	98
35) Methylcyclohexane	7.43	83	114680	4.218	ug/L	100
37) 1,2-Dichloropropane	7.48	63	62697	4.326	ug/L	100
38) Bromodichloromethane	7.87	83	81469	4.318	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	95807	4.304	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	336839	43.527	ug/L	99
42) Toluene	8.76	91	285514	4.299	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80443	4.316	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	44634	4.221	ug/L	99
47) Tetrachloroethene	9.32	164	54417	4.240	ug/L	98
48) 2-Hexanone	9.47	43	239118	44.176	ug/L	98
49) Dibromochloromethane	9.56	129	51465	4.204	ug/L	97
50) 1,2-Dibromoethane	9.65	107	41879	4.269	ug/L	92
51) Chlorobenzene	10.12	112	178774	4.252	ug/L	97
52) Ethylbenzene	10.23	91	316222	4.256	ug/L	98
53) m,p-xylene	10.34	106	121041	4.246	ug/L	95
54) o-xylene	10.68	106	115770	4.239	ug/L	97
55) Styrene	10.70	104	195245	4.376	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.25	83	51130	4.242	ug/L	99
59) Bromoform	10.84	173	27062	4.184	ug/L	98
60) Isopropylbenzene	11.00	105	317833	4.392	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	39147	4.429	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	267147	4.409	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	273555	4.453	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	141431	4.399	ug/L	95
65) 1,4-Dichlorobenzene	12.08	146	137344	4.278	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	126056	4.265	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	8466	4.187	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	104949	4.447	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	88615	4.303	ug/L	98
71) Naphthalene	13.82	128	157862	4.262	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	78334	4.310	ug/L	99

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

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