

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010621\
 Data File : VX020510.D
 Acq On : 06 Jan 2021 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005310

Quant Time: Jan 07 01:44:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 16:05:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	164007	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	165475	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	82673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66464	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.69	69	61098	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.34	63	135393	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.80%
20) 2-Butanone-d5	4.53	46	140332	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.13	84	130926	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	6.03	65	64621	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	6.04	84	269258	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	7.37	67	77366	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	8.69	98	235537	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.99	79	28999	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	9.42	63	132647	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	53834	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	79810	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	101924	5.734	ug/L 99
3) Chloromethane	1.31	50	87641	5.654	ug/L 99
5) Vinyl chloride	1.39	62	97411	5.786	ug/L 100
6) Bromomethane	1.63	94	55141	6.070	ug/L 99
8) Chloroethane	1.71	64	58783	5.885	ug/L 99
9) Trichlorofluoromethane	1.92	101	125990	5.834	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	72493	5.837	ug/L 98
12) 1,1-Dichloroethene	2.36	96	68480	5.660	ug/L 97
13) Acetone	2.42	43	97922	59.136	ug/L 99
14) Carbon disulfide	2.55	76	229072	5.591	ug/L 99
15) Methyl Acetate	2.75	43	24631	5.269	ug/L 99
16) Methylene chloride	2.83	84	76934	5.118	ug/L 96
17) Methyl tert-butyl Ether	3.16	73	148373	5.378	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	72945	5.425	ug/L 98
19) 1,1-Dichloroethane	3.67	63	131350	5.496	ug/L 98
21) 2-Butanone	4.63	43	152700	54.038	ug/L 99
22) cis-1,2-Dichloroethene	4.56	96	76345	5.429	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.97	128	34049	5.455	ug/L	95
25) Chloroform	5.17	83	135538	5.381	ug/L	96
27) 1,2-Dichloroethane	6.15	62	81137	5.615	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	119941	5.469	ug/L	100
30) Cyclohexane	5.54	56	116773	5.632	ug/L	99
31) Carbon tetrachloride	5.74	117	105042	5.582	ug/L	98
33) Benzene	6.10	78	317081	5.610	ug/L	100
34) Trichloroethene	7.18	95	77940	5.326	ug/L	97
35) Methylcyclohexane	7.43	83	121292	5.492	ug/L	98
37) 1,2-Dichloropropane	7.48	63	73709	5.287	ug/L	100
38) Bromodichloromethane	7.87	83	92114	5.406	ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	99474	5.263	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	365312	53.521	ug/L	99
42) Toluene	8.76	91	334904	5.696	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	87820	5.529	ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	52575	5.344	ug/L	97
47) Tetrachloroethene	9.31	164	66303	5.586	ug/L	98
48) 2-Hexanone	9.47	43	279677	59.414	ug/L	100
49) Dibromochloromethane	9.56	129	60085	5.621	ug/L	98
50) 1,2-Dibromoethane	9.65	107	47976	5.437	ug/L	97
51) Chlorobenzene	10.12	112	200819	5.451	ug/L	97
52) Ethylbenzene	10.23	91	347192	5.675	ug/L	99
53) m,p-xylene	10.34	106	135242	5.814	ug/L	96
54) o-xylene	10.68	106	121963	5.504	ug/L	100
55) Styrene	10.70	104	213290	5.731	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	57462	5.238	ug/L	97
59) Bromoform	10.84	173	31366	5.495	ug/L	99
60) Isopropylbenzene	11.00	105	329704	5.760	ug/L	99
61) 1,2,3-Trichloropropane	11.27	75	42590	5.340	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	266586	5.780	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	272107	5.898	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	154236	5.576	ug/L	94
65) 1,4-Dichlorobenzene	12.08	146	153317	5.487	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	138909	5.390	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	9128	5.331	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	114144	5.430	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	93173	5.559	ug/L	99
71) Naphthalene	13.82	128	149646	5.439	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	85909	5.539	ug/L	94

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

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