

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO010621\
 Data File : VX020513.D
 Acq On : 06 Jan 2021 11:31
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: Jan 07 01:48:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 07 01:47:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	171140	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	174088	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	85064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62635	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.69	69	57218	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.34	63	129404	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.54	46	143275	48.03	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.06%
24) Chloroform-d	5.13	84	131661	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	6.03	65	62284	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.04	84	262060	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	7.37	67	77392	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	8.69	98	235563	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.99	79	28771	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	9.43	63	135081	50.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.02%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	54123	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	81240	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	102185	5.509	ug/L 100
3) Chloromethane	1.31	50	86095	5.323	ug/L 99
5) Vinyl chloride	1.39	62	93857	5.343	ug/L 100
6) Bromomethane	1.64	94	55364	5.840	ug/L 97
8) Chloroethane	1.71	64	55759	5.349	ug/L 96
9) Trichlorofluoromethane	1.92	101	123242	5.469	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	72275	5.576	ug/L 98
12) 1,1-Dichloroethene	2.36	96	67428	5.340	ug/L 98
13) Acetone	2.43	43	98018	56.727	ug/L 100
14) Carbon disulfide	2.55	76	232172	5.430	ug/L 99
15) Methyl Acetate	2.75	43	25176	5.161	ug/L 100
16) Methylene chloride	2.83	84	80360	5.123	ug/L 98
17) Methyl tert-butyl Ether	3.16	73	154586	5.370	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	76453	5.449	ug/L 99
19) 1,1-Dichloroethane	3.67	63	134130	5.378	ug/L 99
21) 2-Butanone	4.64	43	159597	54.125	ug/L 99
22) cis-1,2-Dichloroethene	4.56	96	79374	5.409	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX010621\
 Data File : VX020513.D
 Acq On : 06 Jan 2021 11:31
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: Jan 07 01:48:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 07 01:47:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.97	128	34450	5.289	ug/L	98
25) Chloroform	5.17	83	140598	5.349	ug/L	99
27) 1,2-Dichloroethane	6.15	62	82470	5.469	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	123668	5.360	ug/L	100
30) Cyclohexane	5.54	56	116334	5.333	ug/L	99
31) Carbon tetrachloride	5.74	117	105591	5.333	ug/L	98
33) Benzene	6.10	78	313944	5.280	ug/L	100
34) Trichloroethene	7.18	95	81176	5.273	ug/L	99
35) Methylcyclohexane	7.43	83	125270	5.391	ug/L	99
37) 1,2-Dichloropropane	7.48	63	76635	5.225	ug/L	100
38) Bromodichloromethane	7.87	83	96934	5.408	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	103158	5.188	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	381867	53.179	ug/L	99
42) Toluene	8.76	91	335025	5.416	ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	89562	5.359	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	54303	5.247	ug/L	99
47) Tetrachloroethene	9.32	164	66608	5.334	ug/L	97
48) 2-Hexanone	9.47	43	287581	58.071	ug/L	100
49) Dibromochloromethane	9.56	129	61983	5.511	ug/L	92
50) 1,2-Dibromoethane	9.65	107	50457	5.435	ug/L	96
51) Chlorobenzene	10.12	112	203782	5.258	ug/L	98
52) Ethylbenzene	10.23	91	364472	5.663	ug/L	100
53) m,p-xylene	10.34	106	137583	5.622	ug/L	92
54) o-xylene	10.68	106	129737	5.565	ug/L	97
55) Styrene	10.70	104	223487	5.708	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	57929	5.020	ug/L	99
59) Bromoform	10.84	173	32300	5.499	ug/L	98
60) Isopropylbenzene	11.00	105	355399	6.035	ug/L	99
61) 1,2,3-Trichloropropane	11.27	75	43453	5.295	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	277235	5.842	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	286677	6.039	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	158176	5.558	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	162828	5.664	ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	149412	5.635	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	9595	5.446	ug/L	95
69) 1,3,5-Trichlorobenzene	13.15	180	117424	5.429	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	95133	5.516	ug/L	98
71) Naphthalene	13.82	128	156585	5.532	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	88264	5.531	ug/L	97

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

