

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\
 Data File : VX017867.D
 Acq On : 13 Aug 2020 10:53
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00572

Quant Time: Aug 14 07:33:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	358360	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	326383	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	179280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119411	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.69	69	95813	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.34	63	239576	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.53	46	277186	42.15	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.30%
24) Chloroform-d	5.14	84	234570	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	6.03	65	120476	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	6.04	84	428783	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	7.37	67	130194	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	8.70	98	389398	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
45) trans-1,3-Dichloropropene-	8.99	79	56652	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	9.43	63	222158	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	90167	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	159616	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	175512	4.213	ug/L 98
3) Chloromethane	1.31	50	154889	4.552	ug/L 99
5) Vinyl chloride	1.39	62	155128	4.596	ug/L 98
6) Bromomethane	1.63	94	96286	4.902	ug/L 95
8) Chloroethane	1.71	64	88328	4.679	ug/L 97
9) Trichlorofluoromethane	1.92	101	249170	4.587	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	140446	4.738	ug/L 99
12) 1,1-Dichloroethene	2.36	96	126570	4.608	ug/L 94
13) Acetone	2.42	43	208049	43.300	ug/L 97
14) Carbon disulfide	2.55	76	401168	4.066	ug/L 99
15) Methyl Acetate	2.75	43	50482	3.564	ug/L 99
16) Methylene chloride	2.83	84	142541	3.757	ug/L 98
17) Methyl tert-butyl Ether	3.17	73	303119	4.121	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	135812	4.358	ug/L 94
19) 1,1-Dichloroethane	3.67	63	245975	4.424	ug/L 98
21) 2-Butanone	4.63	43	336914	40.600	ug/L 97
22) cis-1,2-Dichloroethene	4.56	96	141724	4.333	ug/L # 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\
 Data File : VX017867.D
 Acq On : 13 Aug 2020 10:53
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00572

Quant Time: Aug 14 07:33:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.97	128	67664	4.421	ug/L	93
25) Chloroform	5.17	83	258642	4.320	ug/L	100
27) 1,2-Dichloroethane	6.16	62	160230	4.172	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	249226	4.655	ug/L	99
30) Cyclohexane	5.54	56	206050	4.435	ug/L	99
31) Carbon tetrachloride	5.75	117	233323	4.728	ug/L	98
33) Benzene	6.10	78	530661	4.593	ug/L	100
34) Trichloroethene	7.18	95	151769	4.500	ug/L	95
35) Methylcyclohexane	7.44	83	215032	4.535	ug/L	97
37) 1,2-Dichloropropane	7.49	63	135306	4.657	ug/L	99
38) Bromodichloromethane	7.87	83	184585	4.560	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	194060	4.338	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	740004	39.116	ug/L	99
42) Toluene	8.76	91	559921	4.464	ug/L	95
43) 1,3,5-Trimethylbenzene	11.49	105	518002	4.524	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	555387	4.763	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	169966	4.259	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	95348	4.373	ug/L	99
49) Tetrachloroethene	9.32	164	123692	4.584	ug/L	98
50) 2-Hexanone	9.47	43	573568	42.298	ug/L	98
51) Dibromochloromethane	9.56	129	129837	4.323	ug/L	99
52) 1,2-Dibromoethane	9.65	107	89693	4.202	ug/L #	95
53) Chlorobenzene	10.12	112	370681	4.540	ug/L	94
54) Ethylbenzene	10.23	91	612877	4.477	ug/L	99
55) m,p-xylene	10.34	106	236596	4.527	ug/L	93
56) o-xylene	10.68	106	230282	4.544	ug/L	99
57) Styrene	10.70	104	390989	4.562	ug/L	95
58) Isopropylbenzene	11.00	105	642321	4.735	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	98830	4.127	ug/L	97
62) Bromoform	10.84	173	76195	4.249	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	319563	4.577	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	313505	4.513	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	297569	4.588	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	22297	3.957	ug/L	99
68) 1,3,5-Trichlorobenzene	13.15	180	238242	4.620	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	200503	4.392	ug/L	99
70) Naphthalene	13.82	128	341555	4.073	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	186843	4.350	ug/L	96

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

