

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081420\
 Data File : VX017888.D
 Acq On : 14 Aug 2020 09:21
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00574

Quant Time: Aug 17 01:25:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 13:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	363556	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	354388	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	180316	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115916	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.70	69	90223	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	251842	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.54	46	280235	42.00	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	5.14	84	229752	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	6.03	65	122835	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	6.04	84	419386	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	7.37	67	129954	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	8.70	98	407030	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	8.99	79	56552	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	9.43	63	233506	43.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	97688	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	153479	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	208989	4.944	ug/L 98
3) Chloromethane	1.31	50	182619	5.290	ug/L 99
5) Vinyl chloride	1.39	62	190171	5.554	ug/L 96
6) Bromomethane	1.64	94	108449	5.442	ug/L 100
8) Chloroethane	1.72	64	106080	5.539	ug/L 100
9) Trichlorofluoromethane	1.92	101	306078	5.555	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	177330	5.897	ug/L 98
12) 1,1-Dichloroethene	2.36	96	154920	5.559	ug/L 95
13) Acetone	2.43	43	242307	49.710	ug/L 98
14) Carbon disulfide	2.55	76	473557	4.731	ug/L 100
15) Methyl Acetate	2.75	43	62232	4.330	ug/L 97
16) Methylene chloride	2.84	84	167689	4.356	ug/L 96
17) Methyl tert-butyl Ether	3.17	73	357362	4.789	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	158631	5.017	ug/L 98
19) 1,1-Dichloroethane	3.67	63	297935	5.282	ug/L 97
21) 2-Butanone	4.64	43	389768	46.298	ug/L 99
22) cis-1,2-Dichloroethene	4.56	96	165750	4.996	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	81000	5.216	ug/L	98
25) Chloroform	5.17	83	321946	5.300	ug/L	98
27) 1,2-Dichloroethane	6.17	62	193144	4.957	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	306129	5.265	ug/L	98
30) Cyclohexane	5.54	56	237747	4.713	ug/L	98
31) Carbon tetrachloride	5.76	117	277258	5.174	ug/L	99
33) Benzene	6.11	78	633566	5.050	ug/L	100
34) Trichloroethene	7.18	95	179840	4.911	ug/L	97
35) Methylcyclohexane	7.44	83	249214	4.841	ug/L	97
37) 1,2-Dichloropropane	7.49	63	164839	5.225	ug/L	99
38) Bromodichloromethane	7.87	83	225974	5.142	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	232573	4.788	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	967080	47.080	ug/L	99
42) Toluene	8.76	91	706808	5.190	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	636641	5.121	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	651873	5.149	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	212727	4.910	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	117343	4.957	ug/L	96
49) Tetrachloroethene	9.32	164	150929	5.151	ug/L	95
50) 2-Hexanone	9.47	43	695788	47.257	ug/L	99
51) Dibromochloromethane	9.57	129	162711	4.990	ug/L	100
52) 1,2-Dibromoethane	9.65	107	112831	4.869	ug/L #	98
53) Chlorobenzene	10.12	112	456244	5.147	ug/L	96
54) Ethylbenzene	10.23	91	740798	4.984	ug/L	100
55) m,p-xylene	10.34	106	300314	5.292	ug/L	98
56) o-xylene	10.68	106	277979	5.052	ug/L	96
57) Styrene	10.70	104	482361	5.184	ug/L	98
58) Isopropylbenzene	11.00	105	767562	5.211	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	126705	4.873	ug/L	99
62) Bromoform	10.84	173	93609	5.191	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	370698	5.279	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	369059	5.283	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	343945	5.273	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	27535	4.859	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	272667	5.258	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	235871	5.138	ug/L	98
70) Naphthalene	13.82	128	408077	4.838	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	226709	5.248	ug/L	97

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

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