

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\
 Data File : VX017886.D
 Acq On : 13 Aug 2020 20:04
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00573

Quant Time: Aug 14 07:38:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 07:35:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	283730	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	262017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	134660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110550	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.69	69	85781	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.34	63	223123	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	4.53	46	261375	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	5.14	84	210370	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	6.03	65	112988	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	6.05	84	402332	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	7.37	67	124236	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	8.70	98	376401	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
45) trans-1,3-Dichloropropene-	8.99	79	47401	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
48) 2-Hexanone-d5	9.43	63	204917	51.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	88688	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	138065	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	143835	4.360 ug/L	99
3) Chloromethane	1.31	50	132385	4.914 ug/L	98
5) Vinyl chloride	1.39	62	137585	5.149 ug/L	98
6) Bromomethane	1.63	94	79451	5.109 ug/L	98
8) Chloroethane	1.71	64	77297	5.171 ug/L	100
9) Trichlorofluoromethane	1.92	101	216144	5.026 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	119754	5.103 ug/L	98
12) 1,1-Dichloroethene	2.36	96	109436	5.032 ug/L	94
13) Acetone	2.42	43	178748	46.988 ug/L	99
14) Carbon disulfide	2.55	76	346198	4.432 ug/L	98
15) Methyl Acetate	2.75	43	45983	4.100 ug/L	99
16) Methylene chloride	2.84	84	121568	4.047 ug/L	98
17) Methyl tert-butyl Ether	3.17	73	264582	4.543 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	117733	4.771 ug/L	99
19) 1,1-Dichloroethane	3.67	63	219590	4.989 ug/L	97
21) 2-Butanone	4.64	43	291006	44.292 ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	123798	4.781 ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	60321	4.977	ug/L	98
25) Chloroform	5.18	83	241033	5.084	ug/L	98
27) 1,2-Dichloroethane	6.16	62	143037	4.704	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	219899	5.116	ug/L	100
30) Cyclohexane	5.55	56	170176	4.563	ug/L	99
31) Carbon tetrachloride	5.76	117	200206	5.054	ug/L	99
33) Benzene	6.11	78	472921	5.098	ug/L	100
34) Trichloroethene	7.18	95	131006	4.838	ug/L	92
35) Methylcyclohexane	7.44	83	172584	4.534	ug/L	100
37) 1,2-Dichloropropane	7.49	63	121903	5.226	ug/L	100
38) Bromodichloromethane	7.88	83	163615	5.035	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	155049	4.317	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	659821	43.446	ug/L	100
42) Toluene	8.77	91	485093	4.817	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	435563	4.739	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	423981	4.530	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	138597	4.326	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	80785	4.616	ug/L	98
49) Tetrachloroethene	9.32	164	96794	4.468	ug/L	99
50) 2-Hexanone	9.47	43	493919	45.372	ug/L	98
51) Dibromochloromethane	9.57	129	111303	4.617	ug/L	97
52) 1,2-Dibromoethane	9.65	107	78830	4.601	ug/L #	98
53) Chlorobenzene	10.12	112	309459	4.721	ug/L	98
54) Ethylbenzene	10.24	91	507463	4.618	ug/L	100
55) m,p-xylene	10.34	106	194938	4.646	ug/L	98
56) o-xylene	10.68	106	202234	4.971	ug/L	97
57) Styrene	10.70	104	348789	5.070	ug/L	95
58) Isopropylbenzene	11.01	105	530412	4.871	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	94036	4.892	ug/L #	97
62) Bromoform	10.84	173	67801	5.034	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	261929	4.994	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	243260	4.662	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	230861	4.739	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	19424	4.590	ug/L	91
68) 1,3,5-Trichlorobenzene	13.15	180	177700	4.588	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	152677	4.453	ug/L	97
70) Naphthalene	13.82	128	281609	4.471	ug/L	98
71) 1,2,3-Trichlorobenzene	14.01	180	144747	4.487	ug/L	96

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

