

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017865.D
 Acq On : 12 Aug 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00571

Quant Time: Aug 13 01:22:17 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	345311	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	328157	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	166191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107737	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.69	69	81354	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.34	63	214898	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.54	46	266094	41.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	5.14	84	197042	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	6.03	65	107803	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	6.05	84	366048	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	7.37	67	111814	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	8.70	98	342571	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	8.99	79	49255	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	9.43	63	219738	43.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89062	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	133386	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	159669	3.977	ug/L 100
3) Chloromethane	1.31	50	150161	4.580	ug/L 100
5) Vinyl chloride	1.39	62	146891	4.517	ug/L 95
6) Bromomethane	1.62	94	91435	4.831	ug/L 93
8) Chloroethane	1.71	64	85653	4.708	ug/L 98
9) Trichlorofluoromethane	1.92	101	235612	4.502	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	128746	4.507	ug/L 95
12) 1,1-Dichloroethene	2.36	96	119925	4.531	ug/L 93
13) Acetone	2.42	43	227726	49.187	ug/L 99
14) Carbon disulfide	2.54	76	376028	3.955	ug/L 100
15) Methyl Acetate	2.75	43	60927	4.464	ug/L 93
16) Methylene chloride	2.83	84	136726	3.740	ug/L 96
17) Methyl tert-butyl Ether	3.17	73	320084	4.516	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	127667	4.251	ug/L 98
19) 1,1-Dichloroethane	3.67	63	244369	4.561	ug/L 99
21) 2-Butanone	4.64	43	373167	46.668	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	139481	4.426	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	68634	4.653	ug/L	94
25) Chloroform	5.18	83	262943	4.557	ug/L	96
27) 1,2-Dichloroethane	6.17	62	166303	4.493	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	242098	4.497	ug/L	98
30) Cyclohexane	5.55	56	186204	3.986	ug/L	98
31) Carbon tetrachloride	5.76	117	216960	4.373	ug/L	99
33) Benzene	6.11	78	516177	4.443	ug/L	100
34) Trichloroethene	7.19	95	143073	4.219	ug/L	99
35) Methylcyclohexane	7.44	83	183388	3.847	ug/L	97
37) 1,2-Dichloropropane	7.49	63	133800	4.580	ug/L	99
38) Bromodichloromethane	7.88	83	188020	4.620	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	188912	4.200	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	912768	47.988	ug/L	99
42) Toluene	8.76	91	568387	4.507	ug/L	95
43) 1,3,5-Trimethylbenzene	11.49	105	485370	4.217	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	506888	4.324	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	177169	4.416	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	105385	4.808	ug/L	97
49) Tetrachloroethene	9.32	164	112058	4.130	ug/L	99
50) 2-Hexanone	9.48	43	672025	49.291	ug/L	99
51) Dibromochloromethane	9.57	129	137517	4.554	ug/L	95
52) 1,2-Dibromoethane	9.65	107	100001	4.660	ug/L	100
53) Chlorobenzene	10.12	112	363935	4.433	ug/L	99
54) Ethylbenzene	10.24	91	594119	4.317	ug/L	99
55) m,p-xylene	10.34	106	235326	4.478	ug/L	98
56) o-xylene	10.68	106	222939	4.376	ug/L	95
57) Styrene	10.70	104	387760	4.500	ug/L	99
58) Isopropylbenzene	11.01	105	590892	4.333	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	114483	4.755	ug/L	97
62) Bromoform	10.84	173	82770	4.980	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	295435	4.564	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	290114	4.506	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	277453	4.615	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	23499	4.499	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	219155	4.585	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	185664	4.388	ug/L	98
70) Naphthalene	13.82	128	353767	4.551	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	181110	4.549	ug/L	97

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

