

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081820\
 Data File : VX017961.D
 Acq On : 18 Aug 2020 16:51
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00580

Quant Time: Aug 19 01:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 19 01:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	246590	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	243291	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	137565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68722	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.69	69	65592	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.34	63	172154	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.53	46	251936	55.67	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	5.14	84	182253	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	6.03	65	104562	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	6.04	84	323271	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.37	67	97686	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	8.70	98	275917	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	8.99	79	45025	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
48) 2-Hexanone-d5	9.43	63	204030	54.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.80%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	92199	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	125772	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	134656	4.697	ug/L	95
3) Chloromethane	1.31	50	130084	5.556	ug/L	99
5) Vinyl chloride	1.39	62	132683	5.713	ug/L	95
6) Bromomethane	1.63	94	75544	5.589	ug/L	97
8) Chloroethane	1.71	64	80027	6.160	ug/L	98
9) Trichlorofluoromethane	1.92	101	219033	5.860	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	126894	6.221	ug/L	100
12) 1,1-Dichloroethene	2.36	96	120031	6.351	ug/L	84
13) Acetone	2.42	43	183505	55.503	ug/L	100
14) Carbon disulfide	2.55	76	338453	4.986	ug/L	99
15) Methyl Acetate	2.75	43	44882	4.604	ug/L	98
16) Methylene chloride	2.83	84	119989	4.596	ug/L	93
17) Methyl tert-butyl Ether	3.17	73	252113	4.981	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	108618	5.065	ug/L	97
19) 1,1-Dichloroethane	3.67	63	213483	5.580	ug/L	97
21) 2-Butanone	4.64	43	290500	50.874	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	121812	5.413	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	61511	5.840	ug/L	94
25) Chloroform	5.17	83	230998	5.607	ug/L	98
27) 1,2-Dichloroethane	6.16	62	154144	5.832	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	223761	5.606	ug/L	99
30) Cyclohexane	5.54	56	152735	4.410	ug/L	100
31) Carbon tetrachloride	5.75	117	207566	5.643	ug/L	98
33) Benzene	6.11	78	489930	5.688	ug/L	100
34) Trichloroethene	7.18	95	121266	4.823	ug/L	94
35) Methylcyclohexane	7.44	83	163886	4.637	ug/L	96
37) 1,2-Dichloropropane	7.49	63	119863	5.534	ug/L	99
38) Bromodichloromethane	7.88	83	174822	5.794	ug/L	93
39) cis-1,3-Dichloropropene	8.42	75	156803	4.702	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	673837	47.784	ug/L	99
42) Toluene	8.76	91	482025	5.155	ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	450295	5.276	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	467289	5.377	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	158242	5.320	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	84808	5.218	ug/L	99
49) Tetrachloroethene	9.32	164	96647	4.805	ug/L	90
50) 2-Hexanone	9.47	43	488441	48.323	ug/L	98
51) Dibromochloromethane	9.57	129	114781	5.127	ug/L	97
52) 1,2-Dibromoethane	9.65	107	83003	5.217	ug/L #	97
53) Chlorobenzene	10.12	112	309382	5.084	ug/L	97
54) Ethylbenzene	10.24	91	526476	5.160	ug/L	100
55) m,p-xylene	10.34	106	194043	4.981	ug/L	98
56) o-xylene	10.68	106	192777	5.103	ug/L	96
57) Styrene	10.70	104	327985	5.134	ug/L	99
58) Isopropylbenzene	11.00	105	523466	5.177	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	104021	5.828	ug/L	99
62) Bromoform	10.84	173	69817	5.075	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	282606	5.275	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	277031	5.198	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	256740	5.159	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	20837	4.820	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	200039	5.056	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	164824	4.706	ug/L	99
70) Naphthalene	13.82	128	296994	4.616	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	166851	5.063	ug/L	97

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

