

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081020\
 Data File : VX017849.D
 Acq On : 10 Aug 2020 14:49
 Operator : JC/SP
 Sample : L3675-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY86

Quant Time: Aug 11 07:58:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	319981	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	294592	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	155083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	85399	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	78228	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.34	63	147298	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.53	46	291918	49.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.42%
24) Chloroform-d	5.14	84	213670	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	6.03	65	117737	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	6.05	84	359939	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	7.37	67	126287	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	8.70	98	295479	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
45) trans-1,3-Dichloropropene-	8.99	79	50730	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
48) 2-Hexanone-d5	9.43	63	226401	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	103619	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	145751	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	110688	2.975	ug/L 99
5) Vinyl chloride	1.39	62	118312	3.926	ug/L 98
8) Chloroethane	1.71	64	241175	14.307	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	265295	10.023	ug/L 96
12) 1,1-Dichloroethene	2.35	96	52481	2.140	ug/L # 84
13) Acetone	2.42	43	539309	125.707	ug/L 99
15) Methyl Acetate	2.75	43	105764	8.362	ug/L 97
18) trans-1,2-Dichloroethene	3.14	96	72965	2.622	ug/L 96
19) 1,1-Dichloroethane	3.67	63	98911	1.992	ug/L 97
22) cis-1,2-Dichloroethene	4.57	96	104593	3.582	ug/L # 99
23) Bromochloromethane	4.98	128	61112	4.471	ug/L 96
25) Chloroform	5.18	83	382039	7.146	ug/L 99
27) 1,2-Dichloroethane	6.17	62	56754	1.655	ug/L # 93
29) 1,1,1-Trichloroethane	5.46	97	93112	1.927	ug/L 99
31) Carbon tetrachloride	5.75	117	124124	2.787	ug/L 98
34) Trichloroethene	7.19	95	61810	2.030	ug/L 94
39) cis-1,3-Dichloropropene	8.41	75	180865	4.479	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	8.62	43	881265	51.610	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	82063	2.278	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	35229	1.790	ug/L	94
49) Tetrachloroethene	9.32	164	68082	2.795	ug/L	96
52) 1,2-Dibromoethane	9.65	107	85208	4.423	ug/L	100
53) Chlorobenzene	10.12	112	404353	5.487	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	35794	1.656	ug/L	97
62) Bromoform	10.84	173	43697	2.817	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	186808	3.093	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	122959	2.046	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	166153	4.208	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	96736	2.604	ug/L	97

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

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