

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081420\
 Data File : VX017900.D
 Acq On : 14 Aug 2020 15:18
 Operator : JC/SP
 Sample : L3697-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0N2

Quant Time: Aug 17 03:32:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	312201	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	285034	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	145522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95209	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.69	69	78135	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	131240	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.53	46	300123	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.14	84	200318	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.04	65	115740	4.81	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	6.05	84	366390	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	7.37	67	116922	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	8.70	98	324987	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	8.99	79	52159	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
48) 2-Hexanone-d5	9.43	63	247407	56.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.66%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	93180	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	144474	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	42936	1.460	ug/L	92
8) Chloroethane	1.72	64	168178	10.225	ug/L	99
13) Acetone	2.42	43	93790	22.406	ug/L	100
14) Carbon disulfide	2.55	76	7549	0.088	ug/L #	95
17) Methyl tert-butyl Ether	3.17	73	21528	0.336	ug/L #	1
18) trans-1,2-Dichloroethene	3.14	96	3996	0.147	ug/L	90
19) 1,1-Dichloroethane	3.67	63	40044	0.827	ug/L	97
21) 2-Butanone	4.64	43	35468	4.906	ug/L	96
22) cis-1,2-Dichloroethene	4.57	96	309917	10.877	ug/L #	99
25) Chloroform	5.18	83	15652	0.300	ug/L	97
30) Cyclohexane	5.56	56	23312	0.575	ug/L	97
33) Benzene	6.12	78	18696789	185.285	ug/L	100
35) Methylcyclohexane	7.43	83	17085	0.413	ug/L	94
40) 4-Methyl-2-pentanone	8.63	43	47681	2.886	ug/L	98
42) Toluene	8.76	91	18321799	167.260	ug/L #	73
53) Chlorobenzene	10.12	112	3216979	45.119	ug/L	98
54) Ethylbenzene	10.24	91	4580239	38.314	ug/L	100

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55) m,p-xylene	10.34	106	4514247	98.899	ug/L	96
56) o-xylene	10.68	106	1451986	32.809	ug/L	98
58) Isopropylbenzene	11.01	105	792472	6.690	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	29995	0.529	ug/L	92
64) 1,4-Dichlorobenzene	12.09	146	185865	3.297	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	215501	4.094	ug/L	96

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

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