

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100820\
 Data File : VX018838.D
 Acq On : 08 Oct 2020 14:57
 Operator : JC/SP
 Sample : L4239-05DL 100X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 BG3N5DL

Manual Integrations
 APPROVED

MMDadoda
 10/10/2020 10:24:34 AM

Quant Time: Oct 09 05:42:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 04:43:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	144738	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	141972	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	75388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31809	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.70	69	30757	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.34	63	58349	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.56	46	145983	65.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.66%#
24) Chloroform-d	5.14	84	92563	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	6.03	65	55985	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	6.05	84	164747	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	7.37	67	53286	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	8.70	98	143405	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	8.99	79	23926	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	9.43	63	112348	61.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.18%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	44874	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	68480	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	1550	0.198	ug/L #	1
12) 1,1-Dichloroethene	2.36	96	1433	0.199	ug/L #	1
16) Methylene chloride	2.83	84	2898	0.331	ug/L	91
18) trans-1,2-Dichloroethene	3.14	96	1008	0.131	ug/L #	76
19) 1,1-Dichloroethane	3.67	63	15234	1.110	ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	99877	12.545	ug/L #	88
29) 1,1,1-Trichloroethane	5.46	97	145493	8.663	ug/L	98
30) Cyclohexane	5.55	56	8956	0.769	ug/L	95
34) Trichloroethene	7.21	95	944m	0.108	ug/L	
42) Toluene	8.76	91	1029909	31.658	ug/L	100
53) Chlorobenzene	10.12	112	3053	0.137	ug/L	90
54) Ethylbenzene	10.23	91	95477	2.618	ug/L	98
55) m,p-xylene	10.34	106	154835	10.885	ug/L	97
56) o-xylene	10.68	106	75222	5.722	ug/L	99
58) Isopropylbenzene	11.00	105	31997	0.869	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	4791	0.280	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	3021	0.258	ug/L	98

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

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