

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100220\
 Data File : VX018754.D
 Acq On : 02 Oct 2020 17:53
 Operator : JC/SP
 Sample : L4239-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3M9

Quant Time: Oct 03 07:14:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	193486	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	181345	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	103165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63641	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.70	69	50206	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.34	63	119681	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.56	46	179649	60.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	5.14	84	153204	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	6.04	65	90426	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	6.05	84	263994	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	7.37	67	74715	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	8.70	98	255275	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
45) trans-1,3-Dichloropropene-	8.99	79	36632	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
48) 2-Hexanone-d5	9.43	63	149972	63.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59880	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	112196	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	7961	0.763	ug/L	93
6) Bromomethane	1.64	94	809	0.131	ug/L	89
8) Chloroethane	1.71	64	1576	0.249	ug/L	93
12) 1,1-Dichloroethene	2.35	96	10050	1.043	ug/L #	1
13) Acetone	2.45	43	82645	51.061	ug/L	96
14) Carbon disulfide	2.55	76	100603	3.335	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	21495	2.083	ug/L	97
19) 1,1-Dichloroethane	3.67	63	158653	8.647	ug/L	96
21) 2-Butanone	4.66	43	29012	12.313	ug/L	86
22) cis-1,2-Dichloroethene	4.56	96	2239196	210.390	ug/L #	90
29) 1,1,1-Trichloroethane	5.46	97	2935495	136.834	ug/L	100
30) Cyclohexane	5.55	56	75536	5.077	ug/L	98
33) Benzene	6.12	78	14088	0.371	ug/L	100
34) Trichloroethene	7.19	95	43629	3.891	ug/L	94
40) 4-Methyl-2-pentanone	8.63	43	8585	1.558	ug/L #	75
42) Toluene	8.77	91	18078251	435.053	ug/L #	64
49) Tetrachloroethene	9.32	164	1678	0.171	ug/L #	60

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50) 2-Hexanone	9.48	43	14221	3.553	ug/L #	89
53) Chlorobenzene	10.12	112	95533	3.361	ug/L	95
54) Ethylbenzene	10.24	91	2097700	45.033	ug/L	99
55) m,p-xylene	10.34	106	1723092	94.832	ug/L	97
56) o-xylene	10.68	106	1247281	74.281	ug/L	97
58) Isopropylbenzene	11.00	105	620686	13.204	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	25152	1.003	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	81736	3.269	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	117421	5.015	ug/L	90
69) 1,2,4-trichlorobenzene	13.63	180	87633	5.469	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	34291	2.379	ug/L	94

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

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