

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100220\
 Data File : VX018756.D
 Acq On : 02 Oct 2020 18:41
 Operator : JC/SP
 Sample : L4239-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N2

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 1:25:29 PM

Quant Time: Oct 03 07:34:30 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	253198	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	244113	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	130317	5.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92927	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.70	69	60391	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.36	63	426760	12.79	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	255.80%#
20) 2-Butanone-d5	4.57	46	200689	51.73	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	5.15	84	162957	4.55	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	97553	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	6.05	84	303376	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	7.37	67	88910	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	8.71	98	299862	5.01	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	9.00	79	41882	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	9.43	63	176073	55.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.36%
59) 1,1,2,2-Tetrachloroethane-	11.24	84	69999	4.91	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	12.37	152	126775	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	637436	46.659 ug/L #	80
8) Chloroethane	1.71	64	221182	26.692 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4925	0.346 ug/L #	59
12) 1,1-Dichloroethene	2.36	96	531754	42.160 ug/L #	64
14) Carbon disulfide	2.56	76	21329	0.540 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	237792	17.607 ug/L	96
19) 1,1-Dichloroethane	3.67	63	6923520	288.375 ug/L	97
22) cis-1,2-Dichloroethene	4.57	96	24903758	1788.077 ug/L #	80
29) 1,1,1-Trichloroethane	5.46	97	37125898m	1285.599 ug/L	
30) Cyclohexane	5.56	56	2387103	119.181 ug/L	98
33) Benzene	6.11	78	127263	2.490 ug/L	100
34) Trichloroethene	7.19	95	28450	1.885 ug/L	97
35) Methylcyclohexane	7.45	83	10232	0.478 ug/L #	65
42) Toluene	8.76	91	49576296m	886.287 ug/L	
47) 1,1,2-Trichloroethane	9.20	97	2274	0.235 ug/L #	88
49) Tetrachloroethene	9.32	164	9729	0.737 ug/L	97
53) Chlorobenzene	10.12	112	964424	25.206 ug/L	93

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54) Ethylbenzene	10.24	91	16934278	270.063	ug/L #	54
55) m,p-xylene	10.35	106	21286210m	870.281	ug/L	
56) o-xylene	10.69	106	14990443	663.200	ug/L #	26
58) Isopropylbenzene	11.01	105	7048979	111.395	ug/L	98
63) 1,3-Dichlorobenzene	12.02	146	206407	6.516	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	285395	9.035	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	1280684	43.304	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	130012	6.423	ug/L	92
71) 1,2,3-Trichlorobenzene	14.00	180	55310	3.037	ug/L #	87

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

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