

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072120\
 Data File : VX017459.D
 Acq On : 21 Jul 2020 17:10
 Operator : JC/SP
 Sample : MDL05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 9:11:12 AM

Quant Time: Jul 22 06:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 06:14:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	364194	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	344964	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124373	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.69	69	88771	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.34	63	188490	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.53	46	258875	48.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	5.14	84	228238	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	6.03	65	122559	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	6.05	84	436028	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	7.37	67	132743	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	8.70	98	402412	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
45) trans-1,3-Dichloropropene-	8.99	79	55686	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
48) 2-Hexanone-d5	9.43	63	197328	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	88807	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	146545	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	10525	0.263 ug/L	100
3) Chloromethane	1.31	50	8170	0.219 ug/L	96
5) Vinyl chloride	1.39	62	8403m	0.237 ug/L	
6) Bromomethane	1.64	94	4540	0.235 ug/L	96
8) Chloroethane	1.71	64	4639	0.238 ug/L	91
9) Trichlorofluoromethane	1.92	101	11532	0.226 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	8832	0.319 ug/L #	80
12) 1,1-Dichloroethene	2.36	96	8136	0.316 ug/L #	1
13) Acetone	2.43	43	10124	2.371 ug/L	86
14) Carbon disulfide	2.55	76	20035	0.229 ug/L #	91
15) Methyl Acetate	2.75	43	3722	0.299 ug/L #	68
16) Methylene chloride	2.83	84	13448	0.380 ug/L	94
17) Methyl tert-butyl Ether	3.17	73	14400	0.235 ug/L #	83
18) trans-1,2-Dichloroethene	3.14	96	7215	0.263 ug/L	81
19) 1,1-Dichloroethane	3.67	63	11936	0.247 ug/L	87
21) 2-Butanone	4.64	43	17593	2.587 ug/L	99
22) cis-1,2-Dichloroethene	4.58	96	6625m	0.244 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	3836	0.293	ug/L #	76
25) Chloroform	5.18	83	16042	0.316	ug/L	96
27) 1,2-Dichloroethane	6.17	62	7823	0.240	ug/L #	90
29) 1,1,1-Trichloroethane	5.46	97	11549	0.249	ug/L	97
30) Cyclohexane	5.56	56	10288	0.275	ug/L #	88
31) Carbon tetrachloride	5.76	117	10611	0.254	ug/L	94
33) Benzene	6.12	78	23416	0.230	ug/L	100
34) Trichloroethene	7.19	95	6795	0.248	ug/L #	84
35) Methylcyclohexane	7.44	83	7947	0.214	ug/L #	80
37) 1,2-Dichloropropane	7.49	63	6500	0.254	ug/L #	67
38) Bromodichloromethane	7.87	83	8586	0.251	ug/L #	89
39) cis-1,3-Dichloropropene	8.42	75	8039	0.218	ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	31683	2.121	ug/L #	94
42) Toluene	8.77	91	26561	0.261	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	15979	0.168	ug/L	91
44) 1,2,4-Trimethylbenzene	11.79	105	15491	0.165	ug/L	97
46) trans-1,3-Dichloropropene	9.02	75	7249m	0.228	ug/L	
47) 1,1,2-Trichloroethane	9.20	97	4803	0.275	ug/L #	88
49) Tetrachloroethene	9.32	164	5537	0.249	ug/L	97
50) 2-Hexanone	9.48	43	24378	2.236	ug/L #	90
51) Dibromochloromethane	9.56	129	5398	0.225	ug/L	78
52) 1,2-Dibromoethane	9.65	107	4634	0.268	ug/L #	83
53) Chlorobenzene	10.12	112	17112	0.247	ug/L	95
54) Ethylbenzene	10.24	91	24118	0.218	ug/L	99
55) m,p-xylene	10.34	106	9386	0.213	ug/L	88
56) o-xylene	10.68	106	8645	0.202	ug/L	99
57) Styrene	10.69	104	13909	0.195	ug/L #	78
58) Isopropylbenzene	11.00	105	26041	0.235	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	5260	0.253	ug/L #	75
62) Bromoform	10.84	173	3051	0.234	ug/L	91
63) 1,3-Dichlorobenzene	12.01	146	11870	0.226	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	12210	0.236	ug/L	92
66) 1,2-Dichlorobenzene	12.37	146	13023	0.268	ug/L	91
67) 1,2-Dibromo-3-chloropropan	12.98	75	1733	0.405	ug/L #	69
68) 1,3,5-Trichlorobenzene	13.15	180	10412	0.236	ug/L #	92
69) 1,2,4-trichlorobenzene	13.63	180	7254	0.225	ug/L #	95
70) Naphthalene	13.82	128	11369	0.201	ug/L #	87
71) 1,2,3-Trichlorobenzene	14.00	180	6470	0.217	ug/L	97

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

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