

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072120\
 Data File : VX017457.D
 Acq On : 21 Jul 2020 16:22
 Operator : JC/SP
 Sample : MDL03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 9:11:04 AM

Quant Time: Jul 22 06:46:18 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	368289	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	348787	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120765	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.69	69	86220	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.34	63	180290	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.53	46	244342	45.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	5.14	84	217499	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	118634	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	6.05	84	421234	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	7.37	67	125876	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	8.70	98	378399	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	8.99	79	51014	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	9.43	63	184335	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	87857	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	141436	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	10701	0.264 ug/L	90
3) Chloromethane	1.31	50	8805	0.234 ug/L	94
5) Vinyl chloride	1.39	62	8999m	0.251 ug/L	
6) Bromomethane	1.63	94	4581	0.235 ug/L	91
8) Chloroethane	1.71	64	5294	0.269 ug/L	87
9) Trichlorofluoromethane	1.92	101	12701	0.246 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	8396	0.300 ug/L	87
12) 1,1-Dichloroethene	2.36	96	8047	0.309 ug/L #	1
13) Acetone	2.42	43	10652	2.467 ug/L	93
14) Carbon disulfide	2.55	76	21040	0.238 ug/L	96
15) Methyl Acetate	2.75	43	3558	0.283 ug/L #	89
16) Methylene chloride	2.83	84	14799	0.413 ug/L	90
17) Methyl tert-butyl Ether	3.17	73	13557	0.218 ug/L #	83
18) trans-1,2-Dichloroethene	3.14	96	7033	0.253 ug/L	96
19) 1,1-Dichloroethane	3.67	63	12873	0.263 ug/L #	85
21) 2-Butanone	4.65	43	16279	2.367 ug/L	96
22) cis-1,2-Dichloroethene	4.55	96	6944	0.253 ug/L	74

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

23) Bromochloromethane	4.98	128	3861	0.292	ug/L #	88
25) Chloroform	5.17	83	14244	0.278	ug/L	100
27) 1,2-Dichloroethane	6.17	62	7957	0.241	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	11916	0.254	ug/L	94
30) Cyclohexane	5.54	56	9622	0.254	ug/L #	96
31) Carbon tetrachloride	5.75	117	10860	0.257	ug/L	99
33) Benzene	6.11	78	23571	0.229	ug/L	100
34) Trichloroethene	7.19	95	7548	0.272	ug/L	95
35) Methylcyclohexane	7.43	83	9328	0.249	ug/L	88
37) 1,2-Dichloropropane	7.49	63	6467	0.250	ug/L	98
38) Bromodichloromethane	7.88	83	9484	0.274	ug/L #	83
39) cis-1,3-Dichloropropene	8.42	75	8070	0.216	ug/L	87
40) 4-Methyl-2-pentanone	8.62	43	35104	2.324	ug/L #	91
42) Toluene	8.77	91	25391	0.247	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	19311	0.201	ug/L	93
44) 1,2,4-Trimethylbenzene	11.79	105	17325	0.182	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	11411	0.355	ug/L	92
47) 1,1,2-Trichloroethane	9.20	97	5021	0.284	ug/L	88
49) Tetrachloroethene	9.32	164	6009	0.267	ug/L	93
50) 2-Hexanone	9.48	43	26362m	2.391	ug/L	
51) Dibromochloromethane	9.57	129	5941	0.245	ug/L	82
52) 1,2-Dibromoethane	9.66	107	4777	0.273	ug/L #	93
53) Chlorobenzene	10.12	112	17447	0.249	ug/L	98
54) Ethylbenzene	10.23	91	26404	0.236	ug/L	99
55) m,p-xylene	10.34	106	9540	0.214	ug/L	61
56) o-xylene	10.68	106	9680	0.224	ug/L	98
57) Styrene	10.70	104	15458	0.215	ug/L	96
58) Isopropylbenzene	11.00	105	24916	0.223	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	5704	0.271	ug/L #	65
62) Bromoform	10.84	173	3297	0.252	ug/L #	92
63) 1,3-Dichlorobenzene	12.01	146	13964	0.266	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	13079	0.253	ug/L	90
66) 1,2-Dichlorobenzene	12.38	146	12168	0.250	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	1415	0.330	ug/L #	55
68) 1,3,5-Trichlorobenzene	13.15	180	11084	0.250	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	7778	0.240	ug/L #	93
70) Naphthalene	13.82	128	11567	0.204	ug/L #	92
71) 1,2,3-Trichlorobenzene	14.01	180	6982	0.233	ug/L	97

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

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