

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072120\
 Data File : VX017460.D
 Acq On : 21 Jul 2020 17:34
 Operator : JC/SP
 Sample : MDL06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 9:11:17 AM

Quant Time: Jul 22 06:56:51 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	394372	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	373829	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	169918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127699	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.69	69	90275	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.34	63	195651	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.53	46	266982	46.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	5.14	84	235567	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.03	65	130341	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	6.05	84	448689	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.37	67	139338	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	416335	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	8.99	79	57060	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
48) 2-Hexanone-d5	9.43	63	203322	48.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.90%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	91631	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	145123	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	10292	0.237	ug/L	90
3) Chloromethane	1.31	50	8998	0.223	ug/L	95
5) Vinyl chloride	1.39	62	9202m	0.239	ug/L	
6) Bromomethane	1.64	94	4654	0.223	ug/L	83
8) Chloroethane	1.71	64	5181	0.245	ug/L	96
9) Trichlorofluoromethane	1.92	101	11900	0.215	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	8785	0.293	ug/L	93
12) 1,1-Dichloroethene	2.36	96	7809	0.280	ug/L #	1
13) Acetone	2.42	43	10521	2.275	ug/L	87
14) Carbon disulfide	2.55	76	20607	0.218	ug/L	97
15) Methyl Acetate	2.75	43	3765m	0.280	ug/L	
16) Methylene chloride	2.83	84	12776	0.333	ug/L	91
17) Methyl tert-butyl Ether	3.17	73	13862	0.209	ug/L #	78
18) trans-1,2-Dichloroethene	3.14	96	7293	0.245	ug/L	95
19) 1,1-Dichloroethane	3.67	63	12918	0.247	ug/L #	83
21) 2-Butanone	4.64	43	16525	2.244	ug/L	86
22) cis-1,2-Dichloroethene	4.57	96	8142	0.277	ug/L #	82

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

23) Bromochloromethane	4.99	128	3794	0.268	ug/L #	72
25) Chloroform	5.18	83	17497	0.319	ug/L	99
27) 1,2-Dichloroethane	6.16	62	8514	0.241	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	12685	0.253	ug/L	96
30) Cyclohexane	5.54	56	10532	0.260	ug/L #	93
31) Carbon tetrachloride	5.76	117	10471	0.231	ug/L	97
33) Benzene	6.11	78	25768	0.234	ug/L	100
34) Trichloroethene	7.19	95	7515	0.253	ug/L	89
35) Methylcyclohexane	7.44	83	9972	0.248	ug/L	95
37) 1,2-Dichloropropane	7.48	63	6159	0.223	ug/L #	81
38) Bromodichloromethane	7.88	83	10118	0.273	ug/L #	93
39) cis-1,3-Dichloropropene	8.42	75	9367	0.234	ug/L	88
40) 4-Methyl-2-pentanone	8.62	43	34448	2.128	ug/L #	93
42) Toluene	8.76	91	26139	0.237	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	18396	0.179	ug/L	93
44) 1,2,4-Trimethylbenzene	11.79	105	17665	0.173	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	7931m	0.230	ug/L	
47) 1,1,2-Trichloroethane	9.20	97	5032	0.266	ug/L	91
49) Tetrachloroethene	9.31	164	6293	0.261	ug/L	82
50) 2-Hexanone	9.48	43	24540	2.077	ug/L #	85
51) Dibromochloromethane	9.57	129	6605	0.254	ug/L	99
52) 1,2-Dibromoethane	9.66	107	5000	0.266	ug/L #	82
53) Chlorobenzene	10.12	112	18020	0.240	ug/L	96
54) Ethylbenzene	10.24	91	27109	0.226	ug/L	94
55) m,p-xylene	10.35	106	10486	0.219	ug/L	84
56) o-xylene	10.68	106	9932	0.214	ug/L	98
57) Styrene	10.70	104	14662	0.190	ug/L	95
58) Isopropylbenzene	11.00	105	24201	0.202	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.26	83	5896	0.262	ug/L #	74
62) Bromoform	10.84	173	3337	0.245	ug/L #	79
63) 1,3-Dichlorobenzene	12.01	146	13371	0.244	ug/L	96
64) 1,4-Dichlorobenzene	12.09	146	13371	0.248	ug/L	95
66) 1,2-Dichlorobenzene	12.37	146	12482	0.246	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.98	75	907	0.203	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	11798	0.256	ug/L	93
69) 1,2,4-trichlorobenzene	13.63	180	7588	0.225	ug/L	94
70) Naphthalene	13.82	128	13083	0.221	ug/L #	94
71) 1,2,3-Trichlorobenzene	14.00	180	7185	0.231	ug/L #	94

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

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