

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017367.D
 Acq On : 14 Jul 2020 10:41
 Operator : JC/SP
 Sample : L3216-09 .2PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:08 AM

Quant Time: Jul 15 02:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213847	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	189361	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.46	113	154522	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.70	98	534680	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.12	95	192408	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	832	0.293	ug/l	92
4) Vinyl Chloride	1.39	62	673	0.239	ug/l	89
6) Chloroethane	1.72	64	447	0.252	ug/l #	43
7) Trichlorofluoromethane	1.91	101	1121	0.236	ug/l #	62
8) Diethyl Ether	2.17	74	536	0.320	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	758	0.281	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	844	0.311	ug/l #	29
14) Allyl chloride	2.70	41	1448	0.308	ug/l #	78
15) Acrylonitrile	3.12	53	1684	1.102	ug/l	89
16) Acetone	2.42	43	2550	1.910	ug/l	95
17) Carbon Disulfide	2.55	76	2794	0.353	ug/l #	56
18) Methyl Acetate	2.75	43	939	0.285	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	2006	0.218	ug/l #	82
20) Methylene Chloride	2.84	84	1574	0.483	ug/l #	97
21) trans-1,2-Dichloroethene	3.15	96	918	0.296	ug/l #	90
22) Diisopropyl ether	3.82	45	2349	0.262	ug/l #	81
23) Vinyl Acetate	3.78	43	6541	0.830	ug/l	97
24) 1,1-Dichloroethane	3.67	63	1289m	0.245	ug/l	
25) 2-Butanone	4.64	43	2560	1.207	ug/l	97
26) 2,2-Dichloropropane	4.56	77	1220m	0.249	ug/l	
27) cis-1,2-Dichloroethene	4.56	96	937m	0.275	ug/l	
28) Bromochloromethane	4.99	49	585	0.241	ug/l #	73
29) Tetrahydrofuran	5.10	42	1638	1.193	ug/l #	40
30) Chloroform	5.18	83	1296	0.229	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	1251	0.239	ug/l #	38
36) 1,1-Dichloropropene	5.76	75	1312m	0.307	ug/l	
37) Ethyl Acetate	4.78	43	1021m	0.231	ug/l	
38) Carbon Tetrachloride	5.75	117	1047	0.209	ug/l	92
39) Methylcyclohexane	7.43	83	1084	0.234	ug/l #	67
40) Benzene	6.11	78	2643	0.215	ug/l #	88
41) Methacrylonitrile	5.01	41	657	0.277	ug/l #	62
42) 1,2-Dichloroethane	6.16	62	1353	0.283	ug/l	78
43) Isopropyl Acetate	6.40	43	1562	0.221	ug/l #	92
44) Trichloroethene	7.20	130	907	0.242	ug/l	78

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

45) 1,2-Dichloropropane	7.49	63	640	0.204	ug/l #	87
46) Dibromomethane	7.65	93	549	0.242	ug/l	96
49) 1,4-Dioxane	7.71	88	300m	4.325	ug/l	
51) 4-Methyl-2-Pentanone	8.62	43	3238	0.752	ug/l	91
53) t-1,3-Dichloropropene	9.02	75	1110	0.217	ug/l	96
55) 1,1,2-Trichloroethane	9.19	97	863	0.263	ug/l #	82
57) 1,3-Dichloropropane	9.35	76	1201	0.220	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.29	63	2107	0.889	ug/l	97
59) 2-Hexanone	9.48	43	2809	0.864	ug/l	81
61) 1,2-Dibromoethane	9.65	107	720	0.201	ug/l	92
64) Tetrachloroethene	9.31	164	856	0.232	ug/l #	86
65) Chlorobenzene	10.12	112	1880	0.217	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	915	0.265	ug/l #	68
68) m/p-Xylenes	10.34	106	1857	0.338	ug/l	95
71) Bromoform	10.85	173	585	0.201	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	913	0.224	ug/l #	76
76) 1,2,3-Trichloropropane	11.28	75	801m	0.203	ug/l	
77) Bromobenzene	11.24	156	1036	0.271	ug/l	92
79) 2-Chlorotoluene	11.40	91	2002	0.216	ug/l	86
82) 4-Chlorotoluene	11.49	91	2254	0.205	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	1810	0.265	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	2076m	0.301	ug/l	
90) Hexachloroethane	12.58	117	498	0.215	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	1502	0.234	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	274	0.255	ug/l	82
93) 1,2,4-Trichlorobenzene	13.63	180	1179	0.265	ug/l	98
94) Hexachlorobutadiene	13.77	225	571	0.314	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	1049	0.244	ug/l	94

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

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