Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
Data File : VX025192.D
Acq On : 17 Nov 2021 17:24
Operator : JC/MD
Sample : M4068-07 .2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 18 06:59:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 06:58:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	118757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64723	51.705	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.400%			
35) Dibromofluoromethane	5.385	113	58502	51.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.647	98	214943	50.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	76404	47.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.280%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	580	0.455	ug/l #	87
5) Bromomethane	1.611	94	806	1.340	ug/l	95
6) Chloroethane	1.691	64	397	0.411	ug/l	97
8) Diethyl Ether	2.124	74	196	0.229	ug/l #	15
10) Methyl Iodide	2.459	142	673	0.487	ug/l #	82
11) Tert butyl alcohol	2.953	59	1522	4.514	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	248	0.225	ug/l #	80
13) Acrolein	2.215	56	132m	2.302	ug/l	
14) Allyl chloride	2.666	41	630	0.316	ug/l #	76
15) Acrylonitrile	3.075	53	724	1.078	ug/l #	76
16) Acetone	2.380	43	1320	1.898	ug/l	91
17) Carbon Disulfide	2.514	76	1080	0.349	ug/l	95
18) Methyl Acetate	2.709	43	618	0.278	ug/l #	52
20) Methylene Chloride	2.788	84	594	0.454	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	274	0.227	ug/l #	76
23) Vinyl Acetate	3.721	43	2685	0.881	ug/l #	92
25) 2-Butanone	4.568	43	1169	1.162	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	421	0.224	ug/l #	53
29) Tetrahydrofuran	5.013	42	714	1.147	ug/l #	62
30) Chloroform	5.099	83	517	0.240	ug/l #	77
31) Cyclohexane	5.464	56	401m	0.207	ug/l	
37) Ethyl Acetate	4.721	43	527	0.289	ug/l #	68
41) Methacrylonitrile	4.928	41	270	0.267	ug/l #	49
42) 1,2-Dichloroethane	6.086	62	415	0.263	ug/l #	77
43) Isopropyl Acetate	6.354	43	734	0.242	ug/l #	61
48) Methyl methacrylate	7.696	41	344	0.241	ug/l #	68
49) 1,4-Dioxane	7.671	88	56	1.861	ug/l #	24
51) 4-Methyl-2-Pentanone	8.574	43	1795	0.943	ug/l	95
52) Toluene	8.720	92	712	0.225	ug/l	75
58) 2-Chloroethyl Vinyl ether	8.251	63	864	0.908	ug/l	98
59) 2-Hexanone	9.433	43	1412	0.941	ug/l	96
61) 1,2-Dibromoethane	9.610	107	278	0.204	ug/l #	80
64) Tetrachloroethene	9.275	164	287	0.212	ug/l	90
65) Chlorobenzene	10.079	112	748	0.223	ug/l	100
68) m/p-Xylenes	10.305	106	913	0.386	ug/l	97
73) Isopropylbenzene	10.963	105	1143	0.204	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) Bromobenzene	11.207	156	304	0.211 ug/l	87
79) 2-Chlorotoluene	11.372	91	851	0.223 ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	951	0.202 ug/l	100
82) 4-Chlorotoluene	11.457	91	881	0.202 ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	612	0.228 ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	745m	0.274 ug/l	

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

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