Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
Data File : VX026450.D
Acq On : 14 Jan 2022 13:01
Operator : JC/MD
Sample : N1150-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220112014-02-VOA

Quant Time: Jan 17 05:57:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.904	128	16785	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	93776	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	80096	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.964	65	40504	30.010	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%				
60) 4-Bromofluorobenzene	11.085	95	39566	29.599	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.667%				
63) Toluene-d8	8.653	98	109500	29.759	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.200%				
Target Compounds							Qvalue
8) Diethyl Ether	2.136	74	1073	1.943	ug/l		76
15) Acetone	2.386	58	577	3.484	ug/l	#	59
16) Carbon Disulfide	2.520	76	696	0.273	ug/l	#	75
23) tert-Butyl Alcohol	2.965	59	716384	3746.009	ug/l	#	100
24) Methyl tert-Butyl Ether	3.117	73	7801	2.325	ug/l	#	88
25) Chloroform	5.105	83	591	0.307	ug/l	#	74
30) 2-Butanone	4.574	43	37789	44.927	ug/l	#	71
34) Benzene	6.044	78	3754	0.935	ug/l	#	87
45) 1,4-Dioxane	7.671	88	2778m	141.995	ug/l		
58) 4-Methyl-2-Pentanone	8.580	43	9172	6.139	ug/l		92
62) Toluene	8.720	91	2727	0.638	ug/l		98
64) Chlorobenzene	10.079	112	1276	0.492	ug/l	#	84
67) m/p-Xylenes	10.305	106	3805	2.141	ug/l		98
68) o-Xylene	10.640	106	2985	1.731	ug/l		100
76) 1,3,5-Trimethylbenzene	11.451	105	875	0.226	ug/l		97
80) 1,2,4-Trimethylbenzene	11.756	105	3419	0.896	ug/l		94
84) 1,4-Dichlorobenzene	12.043	146	5267	2.667	ug/l		98
87) 1,2-Dichlorobenzene	12.341	146	539	0.285	ug/l		93
91) Naphthalene	13.780	128	2552	0.596	ug/l		97

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

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