Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
Data File : VX032438.D
Acq On : 27 Oct 2022 19:00
Operator : JC/MD
Sample : N5315-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221026039-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 07:14:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	119966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80319	48.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.385	113	62795	44.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.840%		
50) Toluene-d8	8.653	98	232180	47.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.520%		
62) 4-Bromofluorobenzene	11.079	95	87672	46.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.340%		
Target Compounds						Qvalue
6) Chloroethane	1.691	64	290	0.336	ug/l #	70
8) Diethyl Ether	2.130	74	6702	8.476	ug/l	97
11) Tert butyl alcohol	2.959	59	22388	92.278	ug/l	99
16) Acetone	2.380	43	3685	6.082	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	1593	0.377	ug/l #	85
25) 2-Butanone	4.568	43	2526	2.691	ug/l #	76
29) Tetrahydrofuran	5.007	42	45679	76.320	ug/l	98
40) Benzene	6.037	78	3254	0.591	ug/l	96
49) 1,4-Dioxane	7.677	88	2668m	87.124	ug/l	
65) Chlorobenzene	10.079	112	29834	7.733	ug/l	96
68) m/p-Xylenes	10.305	106	2600	0.971	ug/l	90
69) o-Xylene	10.646	106	2665	1.023	ug/l	94
73) Isopropylbenzene	10.963	105	2441	0.388	ug/l	100
79) 2-Chlorotoluene	11.366	91	2797	0.645	ug/l	90
88) 1,4-Dichlorobenzene	12.043	146	18452	6.118	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	1080	0.377	ug/l	96

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

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