Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029432.D
Acq On : 31 Jan 2024 03:21
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-0.1NG
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 31 03:48:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3680	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9861	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4553	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8996	0.400	ng		0.00
29) Chrysene-d12	21.492	240	6280	0.400	ng		# 0.00
35) Perylene-d12	23.870	264	6674	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3043	0.344	ng		0.00
5) Phenol-d6	7.060	99	3700	0.363	ng		0.00
8) Nitrobenzene-d5	9.067	82	2789	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	7221	0.538	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	466	0.319	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6599	0.338	ng		-0.01
27) Fluoranthene-d10	19.322	212	12374	0.568	ng		0.00
31) Terphenyl-d14	19.931	244	5173	0.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	701	0.135	ng		94
3) n-Nitrosodimethylamine	3.723	42	371	0.088	ng	#	89
6) bis(2-Chloroethyl)ether	7.342	93	867	0.089	ng		97
9) Naphthalene	10.744	128	2716	0.097	ng	#	94
10) Hexachlorobutadiene	11.021	225	500	0.094	ng	#	100
12) 2-Methylnaphthalene	12.363	142	1559	0.094	ng		96
16) Acenaphthylene	14.254	152	2093	0.097	ng		98
17) Acenaphthene	14.597	154	1371	0.094	ng		98
18) Fluorene	15.592	166	1755	0.096	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	94	0.071	ng	#	17
21) 4-Bromophenyl-phenylether	16.486	248	491	0.092	ng		94
22) Hexachlorobenzene	16.585	284	629	0.096	ng		99
23) Atrazine	16.771	200	359	0.094	ng	#	81
24) Pentachlorophenol	16.933	266	112	0.054	ng		89
25) Phenanthrene	17.330	178	2569	0.097	ng		100
26) Anthracene	17.429	178	2076	0.092	ng		98
28) Fluoranthene	19.355	202	2578	0.086	ng		98
30) Pyrene	19.717	202	2638	0.091	ng		99
32) Benzo(a)anthracene	21.474	228	1849	0.086	ng		96
33) Chrysene	21.528	228	2163	0.089	ng		98
34) Bis(2-ethylhexyl)phtha...	21.420	149	1622	0.111	ng		99
36) Indeno(1,2,3-cd)pyrene	26.338	276	2052	0.076	ng	#	76
37) Benzo(b)fluoranthene	23.151	252	1885	0.079	ng	#	71
38) Benzo(k)fluoranthene	23.198	252	1938	0.078	ng	#	47
39) Benzo(a)pyrene	23.765	252	1603m	0.077	ng		
40) Dibenzo(a,h)anthracene	26.373	278	1716m	0.080	ng		
41) Benzo(g,h,i)perylene	27.089	276	1948	0.075	ng	#	85

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

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