Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029430.D
Acq On : 31 Jan 2024 02:08
Operator : MA/JU
Sample : 04699-07
Misc : LOD-MDL-WATER-0.1NG
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations APPROVED

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

Quant Time: Jan 31 02:50:21 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3729	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9933	0.400	ng		0.00
13) Acenaphthene-d10	14.543	164	4533	0.400	ng		0.00
19) Phenanthrene-d10	17.293	188	8622	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5949	0.400	ng		# 0.00
35) Perylene-d12	23.870	264	6167	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3119	0.348	ng		0.00
5) Phenol-d6	7.067	99	3782	0.366	ng		0.00
8) Nitrobenzene-d5	9.067	82	2887	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	7239	0.535	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	465	0.320	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	6677	0.343	ng		-0.01
27) Fluoranthene-d10	19.327	212	12441	0.596	ng		0.00
31) Terphenyl-d14	19.931	244	5038	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	695	0.132	ng		96
3) n-Nitrosodimethylamine	3.730	42	346	0.081	ng	#	92
6) bis(2-Chloroethyl)ether	7.342	93	912	0.092	ng		97
9) Naphthalene	10.744	128	2737	0.097	ng	#	93
10) Hexachlorobutadiene	11.021	225	502	0.094	ng	#	98
12) 2-Methylnaphthalene	12.363	142	1555	0.094	ng		96
16) Acenaphthylene	14.254	152	2137	0.099	ng		99
17) Acenaphthene	14.597	154	1368	0.095	ng		99
18) Fluorene	15.592	166	1713	0.095	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	86	0.068	ng	#	18
21) 4-Bromophenyl-phenylether	16.486	248	486	0.095	ng		95
22) Hexachlorobenzene	16.585	284	623	0.099	ng		99
23) Atrazine	16.771	200	343	0.094	ng	#	84
24) Pentachlorophenol	16.933	266	103	0.052	ng		96
25) Phenanthrene	17.330	178	2577	0.101	ng		99
26) Anthracene	17.429	178	1991	0.092	ng		98
28) Fluoranthene	19.355	202	2553	0.089	ng		96
30) Pyrene	19.717	202	2611	0.095	ng		99
32) Benzo(a)anthracene	21.474	228	1755	0.086	ng		94
33) Chrysene	21.528	228	2122	0.092	ng		97
34) Bis(2-ethylhexyl)phtha...	21.420	149	1429	0.103	ng		99
36) Indeno(1,2,3-cd)pyrene	26.338	276	2029m	0.082	ng		
37) Benzo(b)fluoranthene	23.148	252	1776	0.081	ng	#	69
38) Benzo(k)fluoranthene	23.198	252	1807	0.078	ng	#	53
39) Benzo(a)pyrene	23.771	252	1564m	0.081	ng		
40) Dibenzo(a,h)anthracene	26.367	278	1587m	0.080	ng		
41) Benzo(g,h,i)perylene	27.089	276	1831	0.076	ng	#	86

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

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