Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029446.D
Acq On : 31 Jan 2024 12:21
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-0.2NG
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations APPROVED

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

Quant Time: Jan 31 15:27:16 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	4004	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	10723	0.400	ng		# 0.00
13) Acenaphthene-d10	14.532	164	4743	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8903	0.400	ng		# 0.00
29) Chrysene-d12	21.492	240	5843	0.400	ng		# 0.00
35) Perylene-d12	23.873	264	6090	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3486	0.362	ng		0.00
5) Phenol-d6	7.060	99	4146	0.374	ng		0.00
8) Nitrobenzene-d5	9.057	82	3037	0.340	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	7634	0.523	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	493	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	7004	0.344	ng		-0.01
27) Fluoranthene-d10	19.322	212	11969	0.555	ng		0.00
31) Terphenyl-d14	19.931	244	4930	0.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1113	0.197	ng		98
3) n-Nitrosodimethylamine	3.716	42	704	0.153	ng	#	96
6) bis(2-Chloroethyl)ether	7.334	93	1875	0.177	ng		97
9) Naphthalene	10.744	128	5396	0.177	ng		98
10) Hexachlorobutadiene	11.021	225	1039	0.179	ng	#	98
12) 2-Methylnaphthalene	12.363	142	3081	0.172	ng		98
16) Acenaphthylene	14.254	152	4177	0.185	ng		100
17) Acenaphthene	14.596	154	2629	0.174	ng		99
18) Fluorene	15.580	166	3259	0.172	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	264	0.202	ng		88
21) 4-Bromophenyl-phenylether	16.486	248	914	0.172	ng	#	88
22) Hexachlorobenzene	16.585	284	1145	0.176	ng		99
23) Atrazine	16.759	200	699	0.186	ng	#	93
24) Pentachlorophenol	16.933	266	375	0.182	ng		99
25) Phenanthrene	17.330	178	4776	0.181	ng		100
26) Anthracene	17.417	178	3974	0.177	ng		99
28) Fluoranthene	19.354	202	4838	0.163	ng		99
30) Pyrene	19.717	202	4946	0.184	ng		99
32) Benzo(a)anthracene	21.474	228	3521	0.176	ng		99
33) Chrysene	21.528	228	4077	0.180	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	2507	0.184	ng		98
36) Indeno(1,2,3-cd)pyrene	26.335	276	3919	0.160	ng		96
37) Benzo(b)fluoranthene	23.145	252	3410	0.157	ng	#	88
38) Benzo(k)fluoranthene	23.201	252	3564	0.156	ng	#	76
39) Benzo(a)pyrene	23.768	252	3076m	0.162	ng		
40) Dibenzo(a,h)anthracene	26.367	278	3010	0.154	ng	#	88
41) Benzo(g,h,i)perylene	27.086	276	3764m	0.159	ng		

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

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