Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034879.D
Acq On : 06 Nov 2024 18:39
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-0.1 ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Quant Time: Nov 07 00:42:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	9442	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	27435	0.400	ng		-0.01
13) Acenaphthene-d10	14.211	164	13006	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	24635	0.400	ng		-0.01
29) Chrysene-d12	21.151	240	12206	0.400	ng		0.00
35) Perylene-d12	23.315	264	9796	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	6228	0.218	ng		-0.01
5) Phenol-d6	6.759	99	8400	0.226	ng		0.00
8) Nitrobenzene-d5	8.717	82	5762	0.267	ng		-0.01
11) 2-Methylnaphthalene-d10	11.939	152	15451	0.389	ng		-0.01
14) 2,4,6-Tribromophenol	15.704	330	702	0.109	ng		-0.01
15) 2-Fluorobiphenyl	12.832	172	14358	0.280	ng		-0.01
27) Fluoranthene-d10	18.992	212	22127	0.383	ng		0.00
31) Terphenyl-d14	19.601	244	7599	0.290	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1113	0.108	ng		94
3) n-Nitrosodimethylamine	3.487	42	1305	0.112	ng		79
6) bis(2-Chloroethyl)ether	7.012	93	2422	0.089	ng		92
9) Naphthalene	10.394	128	5982	0.079	ng		98
10) Hexachlorobutadiene	10.693	225	928	0.074	ng	#	99
12) 2-Methylnaphthalene	12.014	142	3602	0.073	ng		97
16) Acenaphthylene	13.923	152	4697	0.072	ng		99
17) Acenaphthene	14.276	154	3209	0.074	ng		94
18) Fluorene	15.259	166	3988	0.074	ng		98
20) 4,6-Dinitro-2-methylph...	15.345	198	151	0.212	ng	#	1
21) 4-Bromophenyl-phenylether	16.163	248	1083	0.076	ng		99
22) Hexachlorobenzene	16.262	284	1319	0.083	ng		91
23) Atrazine	16.436	200	1021	0.083	ng		99
24) Pentachlorophenol	16.610	266	168	0.024	ng		96
25) Phenanthrene	16.995	178	6445	0.089	ng		99
26) Anthracene	17.081	178	5388	0.079	ng		98
28) Fluoranthene	19.020	202	6031	0.076	ng		97
30) Pyrene	19.382	202	5866	0.092	ng		100
32) Benzo(a)anthracene	21.134	228	4088	0.084	ng		98
33) Chrysene	21.187	228	4528	0.095	ng		99
34) Bis(2-ethylhexyl)phtha...	21.089	149	2367	0.058	ng	#	93
36) Indeno(1,2,3-cd)pyrene	25.475	276	3832	0.106	ng	#	91
37) Benzo(b)fluoranthene	22.668	252	3892	0.099	ng	#	71
38) Benzo(k)fluoranthene	22.715	252	3822	0.099	ng	#	69
39) Benzo(a)pyrene	23.221	252	2946	0.091	ng	#	55
40) Dibenzo(a,h)anthracene	25.487	278	2910	0.104	ng	#	84
41) Benzo(g,h,i)perylene	26.127	276	3319	0.109	ng	#	87

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

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