Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027250.D
Acq On : 29 Aug 2023 21:43
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 30 01:24:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	5155	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13742	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8829	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	20470	0.400	ng		0.00
29) Chrysene-d12	21.623	240	17003	0.400	ng	#	0.00
35) Perylene-d12	24.147	264	16135	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	5152	0.383	ng		0.00
5) Phenol-d6	7.206	99	6471	0.396	ng		0.00
8) Nitrobenzene-d5	9.262	82	4223	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	8268	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1166	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	13327	0.397	ng		0.00
27) Fluoranthene-d10	19.467	212	19377	0.381	ng		0.00
31) Terphenyl-d14	20.052	244	12938	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2762	0.439	ng		98
3) n-Nitrosodimethylamine	3.805	42	2796	0.419	ng		94
6) bis(2-Chloroethyl)ether	7.495	93	6380	0.404	ng		98
9) Naphthalene	10.949	128	14895	0.398	ng		100
10) Hexachlorobutadiene	11.173	225	2945	0.421	ng	#	99
12) 2-Methylnaphthalene	12.540	142	11129	0.418	ng		100
16) Acenaphthylene	14.426	152	15303	0.381	ng		100
17) Acenaphthene	14.758	154	10701	0.399	ng		98
18) Fluorene	15.742	166	14492	0.405	ng		99
20) 4,6-Dinitro-2-methylph...	16.896	198	118	0.405	ng		77
21) 4-Bromophenyl-phenylether	16.636	248	4090	0.379	ng		95
22) Hexachlorobenzene	16.710	284	5144	0.402	ng		100
23) Atrazine	16.896	200	2945	0.365	ng		97
24) Pentachlorophenol	17.070	266	1693	0.344	ng		98
25) Phenanthrene	17.492	178	23941	0.398	ng		99
26) Anthracene	17.579	178	19000	0.372	ng		100
28) Fluoranthene	19.495	202	27195	0.384	ng		100
30) Pyrene	19.862	202	27747	0.410	ng		100
32) Benzo(a)anthracene	21.605	228	22266	0.382	ng		99
33) Chrysene	21.658	228	26361	0.411	ng		99
34) Bis(2-ethylhexyl)phtha...	21.479	149	10013	0.356	ng		95
36) Indeno(1,2,3-cd)pyrene	26.823	276	24092	0.368	ng		99
37) Benzo(b)fluoranthene	23.364	252	25336	0.406	ng		98
38) Benzo(k)fluoranthene	23.414	252	24600	0.383	ng		99
39) Benzo(a)pyrene	24.033	252	22602	0.387	ng		99
40) Dibenzo(a,h)anthracene	26.849	278	18973	0.369	ng		100
41) Benzo(g,h,i)perylene	27.653	276	22132	0.372	ng		99

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

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