Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027334.D
Acq On : 01 Sep 2023 07:37
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 115 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 01 09:10:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	5382	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	16232	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	10185	0.400	ng		0.00
19) Phenanthrene-d10	17.430	188	23757	0.400	ng		0.00
29) Chrysene-d12	21.614	240	18566	0.400	ng	#	0.00
35) Perylene-d12	24.136	264	16975	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.574	112	5803	0.414	ng		0.00
5) Phenol-d6	7.199	99	7065	0.414	ng		0.00
8) Nitrobenzene-d5	9.251	82	4636	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	9773	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.177	330	1560	0.414	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	15424	0.398	ng		0.00
27) Fluoranthene-d10	19.458	212	23495	0.398	ng		0.00
31) Terphenyl-d14	20.043	244	15476	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	2837	0.432	ng		97
3) n-Nitrosodimethylamine	3.798	42	2889	0.415	ng	#	99
6) bis(2-Chloroethyl)ether	7.488	93	6754	0.409	ng		100
9) Naphthalene	10.927	128	17925	0.405	ng		100
10) Hexachlorobutadiene	11.162	225	3280	0.397	ng	#	100
12) 2-Methylnaphthalene	12.528	142	12929	0.411	ng		99
16) Acenaphthylene	14.416	152	18276	0.394	ng		100
17) Acenaphthene	14.747	154	13050	0.422	ng		99
18) Fluorene	15.730	166	17142	0.415	ng		99
20) 4,6-Dinitro-2-methylph...	16.884	198	136	0.402	ng		80
21) 4-Bromophenyl-phenylether	16.623	248	5103	0.407	ng		96
22) Hexachlorobenzene	16.698	284	6253	0.421	ng		100
23) Atrazine	16.884	200	3570	0.381	ng		98
24) Pentachlorophenol	17.070	266	2639	0.462	ng		98
25) Phenanthrene	17.480	178	28277	0.405	ng		100
26) Anthracene	17.567	178	23145	0.390	ng		99
28) Fluoranthene	19.486	202	32334	0.393	ng		100
30) Pyrene	19.853	202	32833	0.445	ng		99
32) Benzo(a)anthracene	21.596	228	25180	0.396	ng		100
33) Chrysene	21.650	228	29817	0.426	ng		100
34) Bis(2-ethylhexyl)phtha...	21.470	149	11784	0.384	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.802	276	22657	0.329	ng		100
37) Benzo(b)fluoranthene	23.349	252	25184	0.383	ng		99
38) Benzo(k)fluoranthene	23.399	252	25211	0.373	ng		98
39) Benzo(a)pyrene	24.025	252	23242	0.378	ng		99
40) Dibenzo(a,h)anthracene	26.826	278	17505	0.324	ng		100
41) Benzo(g,h,i)perylene	27.630	276	21223	0.339	ng		99

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

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