Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027332.D
Acq On : 01 Sep 2023 05:49
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 113 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 01 06:19:34 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	8.059	152	5428	0.400	ng	-0.01
7) Naphthalene-d8	10.885	136	16078	0.400	ng	-0.01
13) Acenaphthene-d10	14.683	164	10088	0.400	ng	-0.01
19) Phenanthrene-d10	17.430	188	23859	0.400	ng	-0.01
29) Chrysene-d12	21.614	240	18172	0.400	ng	# 0.00
35) Perylene-d12	24.136	264	15549	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	5618	0.397	ng	0.00
5) Phenol-d6	7.199	99	6981	0.406	ng	0.00
8) Nitrobenzene-d5	9.251	82	4643	0.396	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	9740	0.413	ng	-0.02
14) 2,4,6-Tribromophenol	16.177	330	1507	0.404	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	15425	0.402	ng	-0.01
27) Fluoranthene-d10	19.458	212	23569	0.397	ng	0.00
31) Terphenyl-d14	20.043	244	15283	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	2634	0.397	ng	# 91
3) n-Nitrosodimethylamine	3.798	42	3078	0.438	ng	92
6) bis(2-Chloroethyl)ether	7.488	93	6829	0.411	ng	99
9) Naphthalene	10.927	128	17914	0.409	ng	99
10) Hexachlorobutadiene	11.162	225	3313	0.405	ng	# 99
12) 2-Methylnaphthalene	12.528	142	12932	0.415	ng	99
16) Acenaphthylene	14.416	152	18088	0.394	ng	99
17) Acenaphthene	14.747	154	12969	0.423	ng	98
18) Fluorene	15.730	166	17126	0.419	ng	100
20) 4,6-Dinitro-2-methylph...	16.884	198	148	0.436	ng	# 70
21) 4-Bromophenyl-phenylether	16.623	248	5030	0.400	ng	99
22) Hexachlorobenzene	16.698	284	6224	0.417	ng	99
23) Atrazine	16.884	200	3701	0.393	ng	96
24) Pentachlorophenol	17.070	266	1973	0.344	ng	99
25) Phenanthrene	17.480	178	28316	0.404	ng	99
26) Anthracene	17.567	178	23122	0.388	ng	100
28) Fluoranthene	19.486	202	32496	0.394	ng	100
30) Pyrene	19.853	202	32531	0.450	ng	100
32) Benzo(a)anthracene	21.596	228	24341	0.391	ng	100
33) Chrysene	21.650	228	28665	0.419	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	12087	0.402	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.808	276	21797	0.345	ng	99
37) Benzo(b)fluoranthene	23.349	252	24645	0.410	ng	99
38) Benzo(k)fluoranthene	23.402	252	24648	0.399	ng	99
39) Benzo(a)pyrene	24.019	252	21427	0.381	ng	99
40) Dibenzo(a,h)anthracene	26.829	278	17194	0.347	ng	100
41) Benzo(g,h,i)perylene	27.630	276	20310	0.354	ng	100

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

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