Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027268.D
Acq On : 30 Aug 2023 10:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 31 04:26:22 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	8.066	152	4109	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	12100	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7053	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16642	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13914	0.400	ng	0.00
35) Perylene-d12	24.156	264	13083	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	3841	0.359	ng	0.00
5) Phenol-d6	7.207	99	4591	0.352	ng	0.00
8) Nitrobenzene-d5	9.251	82	3188	0.361	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	6524	0.367	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	856	0.328	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	10004	0.373	ng	0.00
27) Fluoranthene-d10	19.467	212	15137	0.366	ng	0.00
31) Terphenyl-d14	20.052	244	9882	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	1836	0.366	ng	91
3) n-Nitrosodimethylamine	3.805	42	2085	0.392	ng	96
6) bis(2-Chloroethyl)ether	7.495	93	4784	0.380	ng	99
9) Naphthalene	10.938	128	12332	0.374	ng	99
10) Hexachlorobutadiene	11.173	225	2261	0.367	ng	# 100
12) 2-Methylnaphthalene	12.540	142	8492	0.362	ng	99
16) Acenaphthylene	14.427	152	11503	0.358	ng	99
17) Acenaphthene	14.758	154	8429	0.394	ng	98
18) Fluorene	15.742	166	11127	0.389	ng	99
20) 4,6-Dinitro-2-methylph...	16.897	198	88	0.371	ng	89
21) 4-Bromophenyl-phenylether	16.623	248	3124	0.356	ng	# 74
22) Hexachlorobenzene	16.710	284	4001	0.384	ng	99
23) Atrazine	16.897	200	2201	0.335	ng	99
24) Pentachlorophenol	17.070	266	1371	0.342	ng	99
25) Phenanthrene	17.480	178	18147	0.371	ng	100
26) Anthracene	17.579	178	14518	0.349	ng	100
28) Fluoranthene	19.495	202	20988	0.365	ng	100
30) Pyrene	19.862	202	21140	0.382	ng	100
32) Benzo(a)anthracene	21.605	228	16216	0.340	ng	99
33) Chrysene	21.659	228	20259	0.386	ng	100
34) Bis(2-ethylhexyl)phtha...	21.480	149	7329	0.318	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.829	276	18357	0.346	ng	98
37) Benzo(b)fluoranthene	23.364	252	18790	0.371	ng	99
38) Benzo(k)fluoranthene	23.420	252	18552	0.356	ng	98
39) Benzo(a)pyrene	24.039	252	16819	0.355	ng	98
40) Dibenzo(a,h)anthracene	26.855	278	14311	0.344	ng	99
41) Benzo(g,h,i)perylene	27.662	276	17572	0.364	ng	99

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

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