Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027686.D
Acq On : 14 Sep 2023 18:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 14 19:32:31 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 Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6291	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16683	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7494	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	14789	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	10062	0.400	ng	0.00
35) Perylene-d12	24.083	264	8967	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	7094	0.433	ng	-0.01
5) Phenol-d6	7.178	99	7988	0.401	ng	0.00
8) Nitrobenzene-d5	9.219	82	5422	0.446	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8559	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	854	0.308	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12134	0.426	ng	-0.01
27) Fluoranthene-d10	19.425	212	12516	0.340	ng	0.00
31) Terphenyl-d14	20.015	244	8411	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3122	0.407	ng	# 86
3) n-Nitrosodimethylamine	3.812	42	3492	0.429	ng	92
6) bis(2-Chloroethyl)ether	7.459	93	7736	0.401	ng	98
9) Naphthalene	10.895	128	18428	0.405	ng	100
10) Hexachlorobutadiene	11.120	225	3470	0.409	ng	# 100
12) 2-Methylnaphthalene	12.494	142	11183	0.346	ng	99
16) Acenaphthylene	14.384	152	12472	0.366	ng	99
17) Acenaphthene	14.715	154	9076	0.399	ng	99
18) Fluorene	15.693	166	11148	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	81	0.385	ng	84
21) 4-Bromophenyl-phenylether	16.586	248	3088	0.396	ng	# 87
22) Hexachlorobenzene	16.673	284	3705	0.400	ng	99
23) Atrazine	16.859	200	2077	0.356	ng	99
24) Pentachlorophenol	17.033	266	1103	0.310	ng	98
25) Phenanthrene	17.443	178	16652	0.383	ng	99
26) Anthracene	17.542	178	13562	0.367	ng	100
28) Fluoranthene	19.458	202	17161	0.335	ng	100
30) Pyrene	19.825	202	17175	0.429	ng	100
32) Benzo(a)anthracene	21.569	228	13300	0.386	ng	99
33) Chrysene	21.623	228	15287	0.403	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	5616	0.337	ng	99
36) Indeno(1,2,3-cd)pyrene	26.720	276	14404	0.396	ng	99
37) Benzo(b)fluoranthene	23.306	252	13602	0.392	ng	96
38) Benzo(k)fluoranthene	23.358	252	13612	0.382	ng	96
39) Benzo(a)pyrene	23.972	252	11556	0.356	ng	93
40) Dibenzo(a,h)anthracene	26.744	278	11625	0.407	ng	98
41) Benzo(g,h,i)perylene	27.536	276	13529	0.409	ng	99

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

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