Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027624.D
Acq On : 13 Sep 2023 00:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 127 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 13 06:03:59 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	8.037	152	6525	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	17284	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	7583	0.400	ng		0.00
19) Phenanthrene-d10	17.405	188	14853	0.400	ng		0.00
29) Chrysene-d12	21.587	240	10677	0.400	ng		0.00
35) Perylene-d12	24.086	264	10065	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.567	112	7579	0.446	ng		0.00
5) Phenol-d6	7.178	99	8524	0.412	ng		0.00
8) Nitrobenzene-d5	9.219	82	5879	0.467	ng		-0.01
11) 2-Methylnaphthalene-d10	12.426	152	9660	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1043	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	13864	0.481	ng		-0.01
27) Fluoranthene-d10	19.430	212	14670	0.397	ng		0.00
31) Terphenyl-d14	20.015	244	9951	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3434	0.431	ng		92
3) n-Nitrosodimethylamine	3.819	42	3590	0.425	ng	#	94
6) bis(2-Chloroethyl)ether	7.466	93	8264	0.413	ng		99
9) Naphthalene	10.906	128	20221	0.429	ng		100
10) Hexachlorobutadiene	11.130	225	3810	0.433	ng	#	100
12) 2-Methylnaphthalene	12.498	142	12637	0.377	ng		99
16) Acenaphthylene	14.384	152	14190	0.411	ng		100
17) Acenaphthene	14.715	154	10168	0.442	ng		97
18) Fluorene	15.705	166	12477	0.406	ng		99
20) 4,6-Dinitro-2-methylph...	16.859	198	79	0.374	ng	#	74
21) 4-Bromophenyl-phenylether	16.599	248	3658	0.467	ng		99
22) Hexachlorobenzene	16.673	284	4136	0.445	ng		98
23) Atrazine	16.859	200	2387	0.407	ng		99
24) Pentachlorophenol	17.045	266	1348	0.377	ng		97
25) Phenanthrene	17.455	178	18855	0.432	ng		100
26) Anthracene	17.542	178	15526	0.419	ng		100
28) Fluoranthene	19.462	202	19842	0.386	ng		100
30) Pyrene	19.825	202	19979	0.471	ng		100
32) Benzo(a)anthracene	21.569	228	16488	0.450	ng		99
33) Chrysene	21.623	228	18089	0.450	ng		99
34) Bis(2-ethylhexyl)phtha...	21.444	149	7286	0.413	ng		99
36) Indeno(1,2,3-cd)pyrene	26.723	276	18250	0.447	ng		99
37) Benzo(b)fluoranthene	23.308	252	16760	0.430	ng		97
38) Benzo(k)fluoranthene	23.361	252	16342	0.408	ng		97
39) Benzo(a)pyrene	23.975	252	14945	0.410	ng		95
40) Dibenzo(a,h)anthracene	26.747	278	14945	0.467	ng		99
41) Benzo(g,h,i)perylene	27.545	276	16613	0.447	ng		99

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

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