Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
Data File : BN023062.D
Acq On : 05 Dec 2022 16:38
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 06 03:40:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 03:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	3846	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	11098	0.400	ng	#	0.01
13) Acenaphthene-d10	14.688	164	6789	0.400	ng		0.00
19) Phenanthrene-d10	17.427	188	14901	0.400	ng		0.00
29) Chrysene-d12	21.616	240	15227	0.400	ng		0.00
35) Perylene-d12	24.097	264	11589	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.587	112	26731	2.675	ng		0.00
5) Phenol-d6	7.197	99	37034	2.909	ng		0.00
8) Nitrobenzene-d5	9.206	82	27981	3.246	ng		0.00
11) 2-Methylnaphthalene-d10	12.450	152	85614	3.557	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	10335	3.153	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	100274	3.229	ng		0.00
27) Fluoranthene-d10	19.460	212	150371	3.715	ng		0.00
31) Terphenyl-d14	20.058	244	98812	2.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	14547	2.980	ng		99
3) n-Nitrosodimethylamine	3.752	42	17201	3.269	ng	#	95
6) bis(2-Chloroethyl)ether	7.464	93	39677	3.319	ng		99
9) Naphthalene	10.915	128	112169	3.282	ng		98
10) Hexachlorobutadiene	11.203	225	20525	2.925	ng	#	100
12) 2-Methylnaphthalene	12.140	142	22056	3.162	ng	#	87
16) Acenaphthylene	14.410	152	121484	3.380	ng		100
17) Acenaphthene	14.752	154	81779	3.458	ng		98
18) Fluorene	15.726	166	101393	3.347	ng		98
20) 4,6-Dinitro-2-methylph...	15.801	198	8944	5.370	ng	#	80
21) 4-Bromophenyl-phenylether	16.620	248	33003	3.068	ng		97
22) Hexachlorobenzene	16.744	284	40288	3.068	ng		99
23) Atrazine	16.893	200	23188	3.057	ng	#	87
25) Phenanthrene	17.476	178	174967	3.377	ng		99
26) Anthracene	17.563	178	155026	3.447	ng		100
28) Fluoranthene	19.490	202	207860	3.773	ng		99
30) Pyrene	19.852	202	211709	2.671	ng		99
32) Benzo(a)anthracene	21.598	228	193195	3.140	ng		99
33) Chrysene	21.652	228	206511	3.236	ng		100
34) Bis(2-ethylhexyl)phtha...	21.527	149	74129	3.000	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.693	276	228734	4.757	ng		100
37) Benzo(b)fluoranthene	23.340	252	186889	3.613	ng	#	93
38) Benzo(k)fluoranthene	23.387	252	194703	3.475	ng	#	92
39) Benzo(a)pyrene	23.989	252	151077	3.826	ng	#	88
40) Dibenzo(a,h)anthracene	26.711	278	183681	4.810	ng		96
41) Benzo(g,h,i)perylene	27.491	276	190461	4.629	ng		97

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

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