Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021243.D
Acq On : 15 Aug 2022 19:54
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 16 05:52:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 05:49:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	3099	0.400	ng		0.00
7) Naphthalene-d8	10.570	136	9114	0.400	ng		-0.01
13) Acenaphthene-d10	14.432	164	5221	0.400	ng		0.00
19) Phenanthrene-d10	17.176	188	11642	0.400	ng		0.00
29) Chrysene-d12	21.384	240	7343	0.400	ng	#	0.00
35) Perylene-d12	23.717	264	5137	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.356	112	24712	2.986	ng		-0.02
5) Phenol-d6	6.960	99	32366	3.333	ng		-0.02
8) Nitrobenzene-d5	8.937	82	24668	3.190	ng		-0.02
11) 2-Methylnaphthalene-d10	12.172	152	48879	3.150	ng		-0.01
14) 2,4,6-Tribromophenol	15.924	330	7209	3.844	ng		-0.02
15) 2-Fluorobiphenyl	13.053	172	70768	3.385	ng		0.00
27) Fluoranthene-d10	19.220	212	87886	2.575	ng		0.00
31) Terphenyl-d14	19.823	244	61032	3.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	13579	3.287	ng		96
3) n-Nitrosodimethylamine	3.551	42	14839	4.494	ng	#	99
6) bis(2-Chloroethyl)ether	7.205	93	27580	3.294	ng		98
9) Naphthalene	10.624	128	86083	3.149	ng		98
10) Hexachlorobutadiene	10.923	225	14945	3.006	ng	#	100
12) 2-Methylnaphthalene	12.243	142	59958	3.351	ng		99
16) Acenaphthylene	14.144	152	86956	3.473	ng		100
17) Acenaphthene	14.486	154	54858	3.223	ng		99
18) Fluorene	15.480	166	81634	3.721	ng		100
20) 4,6-Dinitro-2-methylph...	15.576	198	5707	4.276	ng	#	52
21) 4-Bromophenyl-phenylether	16.375	248	22804	3.421	ng	#	89
22) Hexachlorobenzene	16.499	284	23029	3.045	ng		99
23) Atrazine	16.652	200	16192	3.121	ng	#	93
24) Pentachlorophenol	16.847	266	7312	4.030	ng		97
25) Phenanthrene	17.217	178	125427	3.236	ng		99
26) Anthracene	17.309	178	106747	3.191	ng		99
28) Fluoranthene	19.250	202	110861	2.618	ng		99
30) Pyrene	19.612	202	110749	3.444	ng		100
32) Benzo(a)anthracene	21.366	228	81507	3.215	ng		98
33) Chrysene	21.419	228	88514	3.021	ng		100
34) Bis(2-ethylhexyl)phtha...	21.303	149	50890	3.434	ng		99
36) Indeno(1,2,3-cd)pyrene	26.112	276	85688	3.778	ng		96
37) Benzo(b)fluoranthene	23.004	252	70171	3.539	ng	#	89
38) Benzo(k)fluoranthene	23.051	252	71257	3.417	ng		92
39) Benzo(a)pyrene	23.606	252	55962	3.279	ng	#	79
40) Dibenzo(a,h)anthracene	26.126	278	67266	3.713	ng	#	90
41) Benzo(g,h,i)perylene	26.843	276	76298	3.811	ng		96

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

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