Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031424.D
Acq On : 07 May 2024 16:27
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 07 17:13:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	6274	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	17369	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	11566	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	25110	0.400	ng		0.00
29) Chrysene-d12	21.175	240	16032	0.400	ng		0.00
35) Perylene-d12	23.361	264	22461	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	75242	5.120	ng		0.00
5) Phenol-d6	6.743	99	98166	5.624	ng		0.00
8) Nitrobenzene-d5	8.713	82	75110	4.926	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	155511	5.179	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	28960	4.954	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	232106	5.425	ng		0.00
27) Fluoranthene-d10	19.007	212	337561	4.969	ng		0.00
31) Terphenyl-d14	19.616	244	247520	6.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	33064	4.416	ng		98
3) n-Nitrosodimethylamine	3.407	42	35739	4.782	ng		97
6) bis(2-Chloroethyl)ether	6.996	93	87396	5.355	ng		96
9) Naphthalene	10.389	128	242913	5.004	ng		97
10) Hexachlorobutadiene	10.667	225	49779	4.913	ng	#	100
12) 2-Methylnaphthalene	12.009	142	180070	5.174	ng		96
16) Acenaphthylene	13.932	152	286925	5.655	ng		100
17) Acenaphthene	14.274	154	182299	5.242	ng		98
18) Fluorene	15.268	166	237116	5.269	ng		100
20) 4,6-Dinitro-2-methylph...	15.354	198	30413	5.042	ng	#	86
21) 4-Bromophenyl-phenylether	16.160	248	78294	5.402	ng		94
22) Hexachlorobenzene	16.272	284	84146	5.070	ng		99
23) Atrazine	16.445	200	63621	5.596	ng		97
24) Pentachlorophenol	16.619	266	47958	5.099	ng		99
25) Phenanthrene	17.004	178	368908	5.121	ng		100
26) Anthracene	17.103	178	331739	5.475	ng		99
28) Fluoranthene	19.035	202	427226	4.854	ng		99
30) Pyrene	19.402	202	391050	4.955	ng		100
32) Benzo(a)anthracene	21.157	228	283286	5.117	ng		99
33) Chrysene	21.211	228	277615	4.814	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	179063	6.123	ng		98
36) Indeno(1,2,3-cd)pyrene	25.545	276	478313	5.271	ng		99
37) Benzo(b)fluoranthene	22.704	252	455074	5.165	ng	#	93
38) Benzo(k)fluoranthene	22.747	252	440243	5.094	ng	#	94
39) Benzo(a)pyrene	23.262	252	387574	5.243	ng	#	89
40) Dibenzo(a,h)anthracene	25.557	278	380717	5.323	ng		97
41) Benzo(g,h,i)perylene	26.212	276	408411	5.629	ng		99

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

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