Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031447.D
Acq On : 09 May 2024 17:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 01:58:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	10361	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	33993	0.400	ng		0.00
13) Acenaphthene-d10	14.349	164	21040	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	48314	0.400	ng		0.00
29) Chrysene-d12	21.274	240	43796	0.400	ng		0.00
35) Perylene-d12	23.519	264	48833	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	6119	0.252	ng		0.00
5) Phenol-d6	6.873	99	8212	0.285	ng		0.00
8) Nitrobenzene-d5	8.862	82	5070	0.170	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	11184	0.222	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	1577	0.169	ng		0.00
15) 2-Fluorobiphenyl	12.981	172	16520	0.212	ng		0.00
27) Fluoranthene-d10	19.124	212	27037	0.207	ng		0.00
31) Terphenyl-d14	19.732	244	21294	0.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	2786	0.225	ng		92
3) n-Nitrosodimethylamine	3.558	42	2584	0.209	ng	#	91
6) bis(2-Chloroethyl)ether	7.148	93	6958	0.258	ng		98
9) Naphthalene	10.549	128	19213	0.202	ng	#	93
10) Hexachlorobutadiene	10.837	225	3390	0.171	ng	#	98
12) 2-Methylnaphthalene	12.168	142	13277	0.227	ng		95
16) Acenaphthylene	14.071	152	21596	0.234	ng		99
17) Acenaphthene	14.413	154	13302	0.210	ng		99
18) Fluorene	15.397	166	17678	0.216	ng		99
20) 4,6-Dinitro-2-methylph...	15.472	198	693	0.090	ng	#	12
21) 4-Bromophenyl-phenylether	16.296	248	5718	0.205	ng		95
22) Hexachlorobenzene	16.396	284	5722	0.179	ng		99
23) Atrazine	16.569	200	5240	0.240	ng		96
24) Pentachlorophenol	16.743	266	1656	0.126	ng		97
25) Phenanthrene	17.128	178	27209	0.196	ng		100
26) Anthracene	17.227	178	27201	0.233	ng		100
28) Fluoranthene	19.151	202	33420	0.197	ng		100
30) Pyrene	19.514	202	34916	0.198	ng		100
32) Benzo(a)anthracene	21.256	228	32831	0.217	ng		100
33) Chrysene	21.310	228	31465	0.200	ng		100
34) Bis(2-ethylhexyl)phtha...	21.220	149	19015	0.238	ng		99
36) Indeno(1,2,3-cd)pyrene	25.794	276	38261	0.194	ng		100
37) Benzo(b)fluoranthene	22.847	252	34732	0.181	ng	#	94
38) Benzo(k)fluoranthene	22.891	252	32668	0.174	ng	#	94
39) Benzo(a)pyrene	23.420	252	29878	0.186	ng	#	93
40) Dibenzo(a,h)anthracene	25.814	278	30559	0.197	ng		96
41) Benzo(g,h,i)perylene	26.484	276	32699	0.207	ng		96

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

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