Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030382.D
Acq On : 13 Mar 2024 15:09
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 14 11:18:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1475	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	3468	0.400	ng		0.00
13) Acenaphthene-d10	14.447	164	2132	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	4992	0.400	ng		0.00
29) Chrysene-d12	21.438	240	4915	0.400	ng		0.00
35) Perylene-d12	23.788	264	5623	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	794	0.207	ng		0.00
5) Phenol-d6	6.966	99	706	0.189	ng		0.00
8) Nitrobenzene-d5	8.961	82	569	0.179	ng		0.00
11) 2-Methylnaphthalene-d10	12.189	152	1075	0.200	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	266	0.214	ng		0.00
15) 2-Fluorobiphenyl	13.078	172	1663	0.194	ng		0.01
27) Fluoranthene-d10	19.252	212	2905	0.201	ng		0.00
31) Terphenyl-d14	19.870	244	2336	0.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	460	0.225	ng		95
3) n-Nitrosodimethylamine	3.644	42	405	0.216	ng		82
6) bis(2-Chloroethyl)ether	7.233	93	559	0.186	ng		97
9) Naphthalene	10.637	128	1897	0.205	ng		95
10) Hexachlorobutadiene	10.904	225	603	0.210	ng	#	98
12) 2-Methylnaphthalene	12.265	142	1201	0.201	ng		96
16) Acenaphthylene	14.169	152	1874	0.201	ng		99
17) Acenaphthene	14.511	154	1260	0.206	ng		100
18) Fluorene	15.505	166	1597	0.211	ng		99
20) 4,6-Dinitro-2-methylph...	15.617	198	127	0.280	ng	#	15
21) 4-Bromophenyl-phenylether	16.411	248	577	0.196	ng		96
22) Hexachlorobenzene	16.498	284	723	0.205	ng		98
23) Atrazine	16.697	200	567	0.214	ng		97
24) Pentachlorophenol	16.858	266	369	0.200	ng	#	87
25) Phenanthrene	17.243	178	2616	0.197	ng		99
26) Anthracene	17.342	178	2332	0.192	ng		97
28) Fluoranthene	19.285	202	3557	0.198	ng		99
30) Pyrene	19.652	202	3794	0.207	ng		100
32) Benzo(a)anthracene	21.420	228	3099	0.190	ng		97
33) Chrysene	21.474	228	3732	0.207	ng		100
34) Bis(2-ethylhexyl)phtha...	21.367	149	1931	0.226	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.215	276	4457	0.186	ng	#	79
37) Benzo(b)fluoranthene	23.078	252	3528	0.192	ng	#	85
38) Benzo(k)fluoranthene	23.125	252	3580	0.193	ng	#	83
39) Benzo(a)pyrene	23.686	252	3192	0.187	ng	#	80
40) Dibenzo(a,h)anthracene	26.247	278	3445	0.182	ng	#	81
41) Benzo(g,h,i)perylene	26.949	276	4327	0.194	ng		97

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

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