Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122223\
Data File : BN029181.D
Acq On : 22 Dec 2023 17:30
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 23 03:47:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 23 03:40:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	870	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	1627	0.400	ng		#-0.01
13) Acenaphthene-d10	14.415	164	869	0.400	ng		-0.01
19) Phenanthrene-d10	17.181	188	1377	0.400	ng		0.00
29) Chrysene-d12	21.384	240	583	0.400	ng		0.00
35) Perylene-d12	23.709	264	670	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	3304	1.664	ng		0.00
5) Phenol-d6	6.980	99	3846	1.727	ng		0.00
8) Nitrobenzene-d5	8.950	82	3509	1.714	ng		-0.01
11) 2-Methylnaphthalene-d10	12.159	152	4780	1.793	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	1028	1.613	ng		0.00
15) 2-Fluorobiphenyl	13.046	172	8491	1.728	ng		-0.01
27) Fluoranthene-d10	19.215	212	4960	1.725	ng		0.00
31) Terphenyl-d14	19.828	244	2848	1.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1358	1.767	ng		94
3) n-Nitrosodimethylamine	3.665	42	1047	1.771	ng	#	73
6) bis(2-Chloroethyl)ether	7.233	93	2847	1.820	ng		91
9) Naphthalene	10.616	128	8636	1.718	ng	#	91
10) Hexachlorobutadiene	10.882	225	2589	1.674	ng	#	99
12) 2-Methylnaphthalene	12.234	142	6244	1.753	ng		97
16) Acenaphthylene	14.137	152	9788	1.702	ng		99
17) Acenaphthene	14.479	154	6033	1.712	ng		98
18) Fluorene	15.473	166	8394	1.694	ng		98
20) 4,6-Dinitro-2-methylph...	15.567	198	883	1.604	ng	#	51
21) 4-Bromophenyl-phenylether	16.374	248	2252	1.739	ng	#	81
22) Hexachlorobenzene	16.461	284	2628	1.719	ng		98
23) Atrazine	16.672	200	2070	1.757	ng	#	85
24) Pentachlorophenol	16.833	266	1594	1.797	ng		97
25) Phenanthrene	17.218	178	10311	1.710	ng		99
26) Anthracene	17.305	178	10262	1.771	ng		100
28) Fluoranthene	19.248	202	9415	1.743	ng	#	99
30) Pyrene	19.615	202	9248	1.685	ng		99
32) Benzo(a)anthracene	21.376	228	5713	1.726	ng		94
33) Chrysene	21.420	228	5436	1.686	ng		93
34) Bis(2-ethylhexyl)phtha...	21.313	149	6981	1.655	ng		98
36) Indeno(1,2,3-cd)pyrene	26.086	276	7987	1.771	ng	#	86
37) Benzo(b)fluoranthene	23.008	252	6252	1.775	ng	#	80
38) Benzo(k)fluoranthene	23.055	252	6255	1.737	ng	#	79
39) Benzo(a)pyrene	23.607	252	5532	1.722	ng	#	71
40) Dibenzo(a,h)anthracene	26.113	278	6090	1.775	ng	#	74
41) Benzo(g,h,i)perylene	26.817	276	6797	1.770	ng	#	87

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

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