Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
Data File : BN026035.D
Acq On : 27 Jun 2023 13:55
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 28 05:18:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 05:11:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	5890	0.400	ng		0.00
7) Naphthalene-d8	10.782	136	17443	0.400	ng		0.00
13) Acenaphthene-d10	14.608	164	10865	0.400	ng		0.00
19) Phenanthrene-d10	17.356	188	22625	0.400	ng		0.00
29) Chrysene-d12	21.542	240	13304	0.400	ng		0.00
35) Perylene-d12	24.013	264	11128	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.520	112	41602	2.911	ng		0.00
5) Phenol-d6	7.131	99	57548	3.160	ng		0.00
8) Nitrobenzene-d5	9.137	82	50462	3.383	ng		-0.01
11) 2-Methylnaphthalene-d10	12.370	152	83610	3.278	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	13497	3.414	ng		0.00
15) 2-Fluorobiphenyl	13.229	172	138396	3.299	ng		-0.01
27) Fluoranthene-d10	19.383	212	161727	3.374	ng		0.00
31) Terphenyl-d14	19.973	244	106223	3.120	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	17706	2.842	ng		97
3) n-Nitrosodimethylamine	3.693	42	23074	3.656	ng	#	97
6) bis(2-Chloroethyl)ether	7.384	93	48732	3.249	ng		97
9) Naphthalene	10.835	128	148973	3.155	ng		98
10) Hexachlorobutadiene	11.113	225	28204	3.093	ng	#	99
12) 2-Methylnaphthalene	12.441	142	108706	3.272	ng		99
16) Acenaphthylene	14.330	152	175649	3.448	ng		99
17) Acenaphthene	14.672	154	106891	3.249	ng		98
18) Fluorene	15.655	166	142838	3.330	ng		100
21) 4-Bromophenyl-phenylether	16.537	248	44050	3.410	ng	#	84
22) Hexachlorobenzene	16.661	284	39836	3.078	ng		99
23) Atrazine	16.810	200	37649	3.393	ng		96
24) Pentachlorophenol	17.008	266	22620	3.710	ng		97
25) Phenanthrene	17.393	178	218247	3.292	ng		100
26) Anthracene	17.480	178	209119	3.504	ng		100
28) Fluoranthene	19.416	202	235854	3.388	ng		99
30) Pyrene	19.774	202	235639	3.197	ng		100
32) Benzo(a)anthracene	21.524	228	161520	3.374	ng		99
33) Chrysene	21.578	228	166593	3.123	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	130433	3.053	ng		98
36) Indeno(1,2,3-cd)pyrene	26.601	276	144981	3.174	ng		98
37) Benzo(b)fluoranthene	23.256	252	138051	3.420	ng	#	85
38) Benzo(k)fluoranthene	23.303	252	139928	3.255	ng	#	85
39) Benzo(a)pyrene	23.905	252	131392	3.317	ng	#	81
40) Dibenzo(a,h)anthracene	26.612	278	114991	3.216	ng	#	89
41) Benzo(g,h,i)perylene	27.393	276	128364	3.079	ng		96

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

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