Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025741.D
Acq On : 31 May 2023 15:41
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 01 00:52:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.005	152	7911	0.400	ng		0.00
7) Naphthalene-d8	10.824	136	21553	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	12275	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	23831	0.400	ng		0.00
29) Chrysene-d12	21.569	240	12155	0.400	ng	#	0.00
35) Perylene-d12	24.051	264	10351	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	61556	2.768	ng		0.00
5) Phenol-d6	7.160	99	79923	2.926	ng		0.00
8) Nitrobenzene-d5	9.169	82	64627	3.227	ng		0.00
11) 2-Methylnaphthalene-d10	12.407	152	100627	3.243	ng		0.00
14) 2,4,6-Tribromophenol	16.127	330	12259	3.239	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	162435	3.130	ng		0.00
27) Fluoranthene-d10	19.411	212	153757	3.136	ng		0.00
31) Terphenyl-d14	20.006	244	91748	3.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	27272	2.938	ng		96
3) n-Nitrosodimethylamine	3.715	42	37446	3.160	ng		99
6) bis(2-Chloroethyl)ether	7.420	93	73241	2.954	ng		95
9) Naphthalene	10.878	128	189736	2.944	ng		99
10) Hexachlorobutadiene	11.166	225	30581	3.086	ng	#	99
12) 2-Methylnaphthalene	12.479	142	133040	3.247	ng		100
16) Acenaphthylene	14.362	152	199818	3.381	ng		100
17) Acenaphthene	14.705	154	128186	3.306	ng		94
18) Fluorene	15.680	166	160196	3.210	ng		99
20) 4,6-Dinitro-2-methylph...	15.755	198	18123	4.068	ng	#	85
21) 4-Bromophenyl-phenylether	16.574	248	44848	3.251	ng		96
22) Hexachlorobenzene	16.698	284	37312	3.158	ng		99
23) Atrazine	16.834	200	36628	3.256	ng		98
24) Pentachlorophenol	17.033	266	17865	4.057	ng		98
25) Phenanthrene	17.430	178	234366	3.201	ng		100
26) Anthracene	17.517	178	223874	3.341	ng		100
28) Fluoranthene	19.444	202	228912	3.168	ng		99
30) Pyrene	19.806	202	225283	3.270	ng		100
32) Benzo(a)anthracene	21.560	228	153628	3.274	ng		98
33) Chrysene	21.614	228	156006	3.140	ng		98
34) Bis(2-ethylhexyl)phtha...	21.471	149	80226	2.684	ng		100
36) Indeno(1,2,3-cd)pyrene	26.624	276	151248	3.379	ng		99
37) Benzo(b)fluoranthene	23.291	252	132415	3.244	ng	#	91
38) Benzo(k)fluoranthene	23.344	252	134179	3.272	ng	#	89
39) Benzo(a)pyrene	23.937	252	125992	3.257	ng	#	84
40) Dibenzo(a,h)anthracene	26.644	278	121499	3.419	ng	#	91
41) Benzo(g,h,i)perylene	27.425	276	133036	3.312	ng		96

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

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