Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024756.D
Acq On : 04 Apr 2023 21:02
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 05 02:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 02:07:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.953	152	8829	0.400	ng		0.00
7) Naphthalene-d8	10.770	136	26195	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	15668	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	32304	0.400	ng		0.00
29) Chrysene-d12	21.529	240	31119	0.400	ng		0.00
35) Perylene-d12	23.983	264	27174	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.505	112	37145	1.822	ng		0.00
5) Phenol-d6	7.115	99	47884	1.862	ng		0.00
8) Nitrobenzene-d5	9.115	82	37770	1.789	ng		-0.01
11) 2-Methylnaphthalene-d10	12.354	152	62378	1.798	ng		0.00
14) 2,4,6-Tribromophenol	16.085	330	13076	1.856	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	105022	1.755	ng		0.00
27) Fluoranthene-d10	19.370	212	133969	1.829	ng		0.00
31) Terphenyl-d14	19.964	244	128651	1.824	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	17813	1.836	ng		97
3) n-Nitrosodimethylamine	3.678	42	30562	1.857	ng	#	98
6) bis(2-Chloroethyl)ether	7.375	93	48167	1.847	ng		99
9) Naphthalene	10.813	128	120420	1.785	ng		99
10) Hexachlorobutadiene	11.101	225	22665	1.764	ng	#	99
12) 2-Methylnaphthalene	12.425	142	84369	1.799	ng		99
16) Acenaphthylene	14.312	152	122075	1.854	ng		100
17) Acenaphthene	14.654	154	79608	1.787	ng		98
18) Fluorene	15.637	166	111634	1.825	ng		96
20) 4,6-Dinitro-2-methylph...	15.725	198	8842	1.639	ng	#	49
21) 4-Bromophenyl-phenylether	16.531	248	34745	1.826	ng		96
22) Hexachlorobenzene	16.643	284	39505	1.832	ng		100
23) Atrazine	16.792	200	24041	1.853	ng	#	89
24) Pentachlorophenol	17.003	266	13623	1.675	ng		93
25) Phenanthrene	17.376	178	171112	1.824	ng		100
26) Anthracene	17.475	178	152875	1.869	ng		100
28) Fluoranthene	19.400	202	196503	1.846	ng		99
30) Pyrene	19.762	202	196826	1.779	ng		100
32) Benzo(a)anthracene	21.511	228	183905	1.748	ng		99
33) Chrysene	21.565	228	189316	1.718	ng		99
34) Bis(2-ethylhexyl)phtha...	21.431	149	91493	1.619	ng		100
36) Indeno(1,2,3-cd)pyrene	26.550	276	216004	1.813	ng		99
37) Benzo(b)fluoranthene	23.231	252	180596	1.753	ng	#	92
38) Benzo(k)fluoranthene	23.278	252	182065	1.784	ng		94
39) Benzo(a)pyrene	23.877	252	179380	1.820	ng	#	86
40) Dibenzo(a,h)anthracene	26.570	278	172208	1.837	ng		96
41) Benzo(g,h,i)perylene	27.333	276	182876	1.800	ng		99

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

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