Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030537.D
Acq On : 29 Mar 2024 18:58
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 29 23:53:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:46:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6610	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	19704	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	11252	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	24636	0.400	ng		0.00
29) Chrysene-d12	21.285	240	23575	0.400	ng		0.00
35) Perylene-d12	23.527	264	21327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	48628	3.379	ng		0.00
5) Phenol-d6	6.873	99	64814	3.503	ng		0.00
8) Nitrobenzene-d5	8.852	82	47367	3.421	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	100459	3.333	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	15885	3.737	ng		0.00
15) 2-Fluorobiphenyl	12.959	172	136564	3.140	ng		-0.01
27) Fluoranthene-d10	19.126	212	228214	3.436	ng		0.00
31) Terphenyl-d14	19.730	244	176579	3.243	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	23910	2.998	ng		97
3) n-Nitrosodimethylamine	3.537	42	26197	3.397	ng		100
6) bis(2-Chloroethyl)ether	7.133	93	60784	3.328	ng		98
9) Naphthalene	10.539	128	178585	3.270	ng		99
10) Hexachlorobutadiene	10.816	225	35451	3.179	ng	#	100
12) 2-Methylnaphthalene	12.157	142	119396	3.330	ng		99
16) Acenaphthylene	14.060	152	178776	3.508	ng		100
17) Acenaphthene	14.402	154	118674	3.362	ng		97
18) Fluorene	15.396	166	154684	3.366	ng		99
20) 4,6-Dinitro-2-methylph...	15.471	198	11696	3.251	ng	#	54
21) 4-Bromophenyl-phenylether	16.283	248	50294	3.377	ng		96
22) Hexachlorobenzene	16.395	284	57877	3.257	ng		99
23) Atrazine	16.556	200	39111	3.612	ng		99
24) Pentachlorophenol	16.742	266	22615	3.250	ng		97
25) Phenanthrene	17.127	178	245073	3.353	ng		99
26) Anthracene	17.227	178	219604	3.584	ng		100
28) Fluoranthene	19.154	202	298980	3.443	ng		100
30) Pyrene	19.521	202	304553	3.301	ng		100
32) Benzo(a)anthracene	21.267	228	285992	3.426	ng		100
33) Chrysene	21.321	228	289023	3.229	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	134372	3.710	ng		99
36) Indeno(1,2,3-cd)pyrene	25.796	276	324767	3.439	ng		100
37) Benzo(b)fluoranthene	22.852	252	294989	3.400	ng	#	95
38) Benzo(k)fluoranthene	22.896	252	291873	3.352	ng	#	95
39) Benzo(a)pyrene	23.431	252	242556	3.491	ng	#	91
40) Dibenzo(a,h)anthracene	25.814	278	258301	3.450	ng		97
41) Benzo(g,h,i)perylene	26.486	276	270004	3.355	ng		98

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

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