Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
Data File : BN024243.D
Acq On : 13 Mar 2023 13:11
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 14 03:06:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 03:05:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	9667	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	27655	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	14835	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	31371	0.400	ng		0.00
29) Chrysene-d12	21.610	240	23906	0.400	ng		0.00
35) Perylene-d12	24.123	264	19588	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	2206	0.103	ng		0.00
5) Phenol-d6	7.195	99	2732	0.099	ng		0.00
8) Nitrobenzene-d5	9.211	82	1704	0.092	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	3297	0.097	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	697	0.092	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	5541	0.099	ng		0.00
27) Fluoranthene-d10	19.450	212	6219	0.094	ng		0.00
31) Terphenyl-d14	20.042	244	4076	0.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1121	0.107	ng		95
3) n-Nitrosodimethylamine	3.764	42	1514	0.098	ng	#	95
6) bis(2-Chloroethyl)ether	7.462	93	2760	0.101	ng		99
9) Naphthalene	10.909	128	6973	0.099	ng		96
10) Hexachlorobutadiene	11.208	225	1330	0.100	ng	#	100
12) 2-Methylnaphthalene	12.516	142	4569	0.096	ng		99
16) Acenaphthylene	14.397	152	6511	0.093	ng		99
17) Acenaphthene	14.739	154	4214	0.094	ng		99
18) Fluorene	15.725	166	4991	0.093	ng		99
21) 4-Bromophenyl-phenylether	16.606	248	1817	0.097	ng	#	71
22) Hexachlorobenzene	16.730	284	2275	0.099	ng		99
23) Atrazine	16.867	200	1032	0.087	ng	#	89
25) Phenanthrene	17.462	178	8830	0.095	ng		100
26) Anthracene	17.549	178	7741	0.090	ng		100
28) Fluoranthene	19.480	202	9239	0.091	ng		100
30) Pyrene	19.842	202	9449	0.098	ng		100
32) Benzo(a)anthracene	21.592	228	7431	0.093	ng		98
33) Chrysene	21.646	228	8381	0.098	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	3752	0.100	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.754	276	6279	0.086	ng		99
37) Benzo(b)fluoranthene	23.351	252	6976	0.092	ng	#	85
38) Benzo(k)fluoranthene	23.404	252	6846	0.087	ng	#	83
39) Benzo(a)pyrene	24.009	252	6071	0.087	ng	#	81
40) Dibenzo(a,h)anthracene	26.772	278	4709	0.083	ng	#	87
41) Benzo(g,h,i)perylene	27.564	276	5900	0.089	ng		94

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

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