Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092922\
Data File : BN021947.D
Acq On : 28 Sep 2022 18:57
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 30 02:17:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 02:14:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.033	152	4814	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	13092	0.400	ng		0.00
13) Acenaphthene-d10	14.686	164	7199	0.400	ng		0.00
19) Phenanthrene-d10	17.437	188	14097	0.400	ng		0.00
29) Chrysene-d12	21.627	240	11766	0.400	ng	#	0.00
35) Perylene-d12	24.132	264	9436	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.555	112	56900	4.441	ng		0.00
5) Phenol-d6	7.180	99	75288	4.651	ng		0.00
8) Nitrobenzene-d5	9.201	82	56174	5.135	ng		-0.01
11) 2-Methylnaphthalene-d10	12.444	152	139726	4.947	ng		0.00
14) 2,4,6-Tribromophenol	16.184	330	16702	5.413	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	148671	4.670	ng		-0.01
27) Fluoranthene-d10	19.471	212	188903	4.950	ng		0.00
31) Terphenyl-d14	20.060	244	119676	4.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.374	88	27342	4.006	ng		97
3) n-Nitrosodimethylamine	3.707	42	30318	4.398	ng	#	95
6) bis(2-Chloroethyl)ether	7.448	93	69481	4.400	ng		99
9) Naphthalene	10.909	128	188561	4.783	ng		98
10) Hexachlorobutadiene	11.186	225	32184	4.697	ng	#	99
12) 2-Methylnaphthalene	12.146	142	43187	5.569	ng	#	82
16) Acenaphthylene	14.408	152	184845	5.524	ng		100
17) Acenaphthene	14.750	154	116962	4.885	ng		99
18) Fluorene	15.724	166	143993	4.803	ng		98
20) 4,6-Dinitro-2-methylph...	15.811	198	11696	6.415	ng	#	1
21) 4-Bromophenyl-phenylether	16.618	248	44367	4.989	ng		93
22) Hexachlorobenzene	16.742	284	50029	4.843	ng		99
23) Atrazine	16.891	200	38143	5.223	ng		94
24) Pentachlorophenol	17.090	266	21630	6.029	ng		97
25) Phenanthrene	17.475	178	235998	4.890	ng		100
26) Anthracene	17.574	178	210286	5.337	ng		100
28) Fluoranthene	19.500	202	254346	4.908	ng		99
30) Pyrene	19.863	202	260499	4.789	ng		99
32) Benzo(a)anthracene	21.609	228	229819	5.038	ng		99
33) Chrysene	21.672	228	226307	4.747	ng		99
34) Bis(2-ethylhexyl)phtha...	21.529	149	137714	5.030	ng		99
36) Indeno(1,2,3-cd)pyrene	26.757	276	242384	4.852	ng		99
37) Benzo(b)fluoranthene	23.360	252	216125	4.924	ng	#	89
38) Benzo(k)fluoranthene	23.409	252	209789	4.900	ng	#	88
39) Benzo(a)pyrene	24.015	252	171490	5.119	ng	#	83
40) Dibenzo(a,h)anthracene	26.775	278	192806	4.835	ng		94
41) Benzo(g,h,i)perylene	27.561	276	197161	4.533	ng		97

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

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