Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022346.D
Acq On : 26 Oct 2022 22:08
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102722

Quant Time: Oct 27 07:21:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 07:14:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	3282	0.400	ng		0.00
7) Naphthalene-d8	10.773	136	9988	0.400	ng		0.00
13) Acenaphthene-d10	14.614	164	5577	0.400	ng		0.00
19) Phenanthrene-d10	17.366	188	12149	0.400	ng	#	0.00
29) Chrysene-d12	21.573	240	9540	0.400	ng	#	0.00
35) Perylene-d12	24.034	264	7775	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.472	112	3322	0.380	ng		0.00
5) Phenol-d6	7.104	99	4100	0.374	ng		0.00
8) Nitrobenzene-d5	9.118	82	3211	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.364	152	5971	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.112	330	860	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.235	172	9305	0.390	ng		0.00
27) Fluoranthene-d10	19.407	212	12874	0.384	ng		0.00
31) Terphenyl-d14	20.001	244	10240	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.291	88	1834	0.399	ng		99
3) n-Nitrosodimethylamine	3.638	42	1872	0.383	ng	#	98
6) bis(2-Chloroethyl)ether	7.364	93	4100	0.390	ng		100
9) Naphthalene	10.816	128	11679	0.391	ng		100
10) Hexachlorobutadiene	11.094	225	2006	0.396	ng	#	100
12) 2-Methylnaphthalene	12.077	142	2015	0.339	ng		99
16) Acenaphthylene	14.336	152	9904	0.367	ng		100
17) Acenaphthene	14.678	154	7095	0.385	ng		100
18) Fluorene	15.662	166	9831	0.383	ng		97
20) 4,6-Dinitro-2-methylph...	15.752	198	594	0.306	ng		83
21) 4-Bromophenyl-phenylether	16.559	248	2782	0.379	ng	#	84
22) Hexachlorobenzene	16.671	284	3277	0.390	ng		99
23) Atrazine	16.832	200	2163	0.353	ng		95
24) Pentachlorophenol	17.019	266	1058	0.304	ng		100
25) Phenanthrene	17.403	178	15853	0.381	ng		100
26) Anthracene	17.503	178	12777	0.364	ng		100
28) Fluoranthene	19.436	202	17399	0.385	ng		100
30) Pyrene	19.803	202	17628	0.402	ng		100
32) Benzo(a)anthracene	21.555	228	14092	0.375	ng		99
33) Chrysene	21.608	228	15443	0.393	ng		100
34) Bis(2-ethylhexyl)phtha...	21.474	149	13397	0.518	ng		99
36) Indeno(1,2,3-cd)pyrene	26.616	276	13840	0.360	ng		100
37) Benzo(b)fluoranthene	23.277	252	14160	0.398	ng		99
38) Benzo(k)fluoranthene	23.324	252	13532	0.382	ng		100
39) Benzo(a)pyrene	23.923	252	11080	0.383	ng		99
40) Dibenzo(a,h)anthracene	26.636	278	10757	0.359	ng		99
41) Benzo(g,h,i)perylene	27.411	276	11335	0.358	ng		99

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

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