Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029329.D
Acq On : 20 Jan 2024 06:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 21 22:44:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	3365	0.400	ng		0.00
7) Naphthalene-d8	10.744	136	9251	0.400	ng		0.00
13) Acenaphthene-d10	14.575	164	5345	0.400	ng		0.00
19) Phenanthrene-d10	17.330	188	12897	0.400	ng		0.00
29) Chrysene-d12	21.519	240	11798	0.400	ng		0.00
35) Perylene-d12	23.932	264	12901	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	2861	0.343	ng		0.00
5) Phenol-d6	7.103	99	3932	0.355	ng		0.00
8) Nitrobenzene-d5	9.099	82	3114	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.329	152	5238	0.332	ng		0.00
14) 2,4,6-Tribromophenol	16.064	330	807	0.492	ng		0.00
15) 2-Fluorobiphenyl	13.207	172	8906	0.358	ng		0.00
27) Fluoranthene-d10	19.359	212	12788	0.327	ng		0.00
31) Terphenyl-d14	19.968	244	10707	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	1379	0.336	ng		92
3) n-Nitrosodimethylamine	3.745	42	1410	0.345	ng	#	94
6) bis(2-Chloroethyl)ether	7.378	93	3614	0.348	ng		100
9) Naphthalene	10.786	128	9961	0.346	ng		99
10) Hexachlorobutadiene	11.064	225	2198	0.352	ng	#	99
12) 2-Methylnaphthalene	12.405	142	6484	0.335	ng		98
16) Acenaphthylene	14.297	152	8967	0.330	ng		100
17) Acenaphthene	14.639	154	6316	0.342	ng		98
18) Fluorene	15.617	166	8694	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.704	198	614	0.410	ng		92
21) 4-Bromophenyl-phenylether	16.523	248	3007	0.438	ng		99
22) Hexachlorobenzene	16.622	284	3832	0.341	ng		98
23) Atrazine	16.796	200	2067	0.326	ng		97
24) Pentachlorophenol	16.970	266	1096	0.316	ng		95
25) Phenanthrene	17.367	178	14542	0.338	ng		99
26) Anthracene	17.454	178	12409	0.330	ng		100
28) Fluoranthene	19.387	202	17630	0.334	ng		99
30) Pyrene	19.754	202	17697	0.355	ng		100
32) Benzo(a)anthracene	21.510	228	15656	0.344	ng		99
33) Chrysene	21.564	228	16939	0.348	ng		100
34) Bis(2-ethylhexyl)phtha...	21.456	149	7289	0.355	ng		98
36) Indeno(1,2,3-cd)pyrene	26.423	276	16815	0.292	ng		98
37) Benzo(b)fluoranthene	23.198	252	16605	0.306	ng		98
38) Benzo(k)fluoranthene	23.250	252	16883	0.320	ng	#	97
39) Benzo(a)pyrene	23.823	252	12435	0.284	ng		97
40) Dibenzo(a,h)anthracene	26.458	278	13705	0.294	ng		97
41) Benzo(g,h,i)perylene	27.186	276	15014	0.305	ng		98

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

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