Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029231.D
Acq On : 09 Jan 2024 16:57
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 09 17:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	658	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	1238	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	774	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1316	0.400	ng		0.00
29) Chrysene-d12	21.349	240	384	0.400	ng		0.00
35) Perylene-d12	23.636	264	436	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	486	0.318	ng		0.00
5) Phenol-d6	6.937	99	532	0.310	ng		0.00
8) Nitrobenzene-d5	8.907	82	591	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	12.114	152	805	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	200	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1517	0.365	ng		0.00
27) Fluoranthene-d10	19.169	212	785	0.293	ng		0.00
31) Terphenyl-d14	19.787	244	399	0.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	209	0.350	ng	#	65
3) n-Nitrosodimethylamine	3.644	42	154	0.307	ng	#	92
6) bis(2-Chloroethyl)ether	7.183	93	313	0.267	ng	#	81
9) Naphthalene	10.562	128	1258	0.335	ng		98
10) Hexachlorobutadiene	10.829	225	439	0.410	ng	#	100
12) 2-Methylnaphthalene	12.185	142	981	0.353	ng		96
16) Acenaphthylene	14.094	152	1748	0.344	ng		98
17) Acenaphthene	14.436	154	1099	0.349	ng		99
18) Fluorene	15.430	166	1606	0.354	ng		99
20) 4,6-Dinitro-2-methylph...	15.543	198	107	0.268	ng	#	82
21) 4-Bromophenyl-phenylether	16.337	248	411	0.361	ng		92
22) Hexachlorobenzene	16.411	284	534	0.400	ng		99
23) Atrazine	16.622	200	369	0.335	ng		98
24) Pentachlorophenol	16.784	266	206	0.238	ng		92
25) Phenanthrene	17.169	178	2152	0.370	ng		98
26) Anthracene	17.268	178	2056	0.362	ng		97
28) Fluoranthene	19.201	202	1693	0.324	ng	#	97
30) Pyrene	19.568	202	1640	0.424	ng		99
32) Benzo(a)anthracene	21.331	228	774	0.349	ng		96
33) Chrysene	21.376	228	825	0.372	ng		97
34) Bis(2-ethylhexyl)phtha...	21.268	149	1545	0.481	ng		97
36) Indeno(1,2,3-cd)pyrene	25.970	276	1134	0.375	ng	#	82
37) Benzo(b)fluoranthene	22.944	252	844	0.358	ng	#	95
38) Benzo(k)fluoranthene	22.987	252	869	0.380	ng		94
39) Benzo(a)pyrene	23.534	252	765	0.358	ng		90
40) Dibenzo(a,h)anthracene	25.999	278	812	0.351	ng		95
41) Benzo(g,h,i)perylene	26.686	276	940	0.367	ng		96

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

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