Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028231.D
Acq On : 11 Oct 2023 14:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 11 15:13:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3276	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	11178	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	7336	0.400	ng		0.00
19) Phenanthrene-d10	17.331	188	17394	0.400	ng	#	0.01
29) Chrysene-d12	21.524	240	16642	0.400	ng		0.00
35) Perylene-d12	24.004	264	17701	0.400	ng	#	0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	3899	0.399	ng		-0.01
5) Phenol-d6	7.084	99	4823	0.391	ng		0.00
8) Nitrobenzene-d5	9.123	82	3748	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	6753	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	1532	0.456	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	9945	0.376	ng		0.00
27) Fluoranthene-d10	19.360	212	18997	0.435	ng		0.00
31) Terphenyl-d14	19.950	244	15017	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	1617	0.440	ng		99
3) n-Nitrosodimethylamine	3.697	42	1763	0.419	ng		99
6) bis(2-Chloroethyl)ether	7.358	93	3852	0.388	ng		97
9) Naphthalene	10.789	128	11337	0.393	ng		98
10) Hexachlorobutadiene	11.002	225	1946	0.379	ng	#	99
12) 2-Methylnaphthalene	12.400	142	8224	0.407	ng		99
16) Acenaphthylene	14.298	152	14409	0.443	ng		100
17) Acenaphthene	14.630	154	8402	0.406	ng		100
18) Fluorene	15.618	166	11650	0.433	ng		99
20) 4,6-Dinitro-2-methylph...	16.785	198	96	0.415	ng	#	1
21) 4-Bromophenyl-phenylether	16.512	248	3588	0.396	ng	#	68
22) Hexachlorobenzene	16.599	284	3732	0.392	ng		99
23) Atrazine	16.785	200	3509	0.443	ng		96
24) Pentachlorophenol	16.971	266	1767	0.394	ng		97
25) Phenanthrene	17.368	178	19886	0.424	ng		100
26) Anthracene	17.468	178	19916	0.449	ng		99
28) Fluoranthene	19.393	202	25817	0.477	ng		100
30) Pyrene	19.760	202	26955	0.442	ng		99
32) Benzo(a)anthracene	21.506	228	26289	0.464	ng		95
33) Chrysene	21.569	228	25296	0.464	ng		96
34) Bis(2-ethylhexyl)phtha...	21.381	149	19393	0.521	ng		98
36) Indeno(1,2,3-cd)pyrene	26.601	276	24623	0.414	ng		100
37) Benzo(b)fluoranthene	23.235	252	24625	0.431	ng	#	91
38) Benzo(k)fluoranthene	23.285	252	24354	0.420	ng	#	90
39) Benzo(a)pyrene	23.890	252	22488	0.416	ng	#	90
40) Dibenzo(a,h)anthracene	26.615	278	19513	0.401	ng	#	88
41) Benzo(g,h,i)perylene	27.413	276	20057	0.401	ng	#	92

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

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