Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030342.D
Acq On : 08 Mar 2024 02:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 08 04:03:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	2744	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	7006	0.400	ng		-0.01
13) Acenaphthene-d10	14.447	164	3352	0.400	ng		-0.01
19) Phenanthrene-d10	17.218	188	6363	0.400	ng		# 0.00
29) Chrysene-d12	21.438	240	4947	0.400	ng		# 0.00
35) Perylene-d12	23.788	264	5596	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	2933	0.407	ng		0.00
5) Phenol-d6	6.973	99	3060	0.404	ng		0.00
8) Nitrobenzene-d5	8.971	82	2469	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.197	152	4255	0.419	ng		0.00
14) 2,4,6-Tribromophenol	15.965	330	577	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.079	172	5942	0.427	ng		-0.01
27) Fluoranthene-d10	19.257	212	6734	0.386	ng		0.00
31) Terphenyl-d14	19.875	244	5049	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	1457	0.409	ng		92
3) n-Nitrosodimethylamine	3.651	42	1249	0.332	ng	#	88
6) bis(2-Chloroethyl)ether	7.248	93	2469	0.411	ng		96
9) Naphthalene	10.648	128	8208	0.420	ng		98
10) Hexachlorobutadiene	10.915	225	1918	0.430	ng	#	99
12) 2-Methylnaphthalene	12.269	142	4948	0.410	ng		96
16) Acenaphthylene	14.169	152	6470	0.400	ng		99
17) Acenaphthene	14.511	154	4313	0.413	ng		98
18) Fluorene	15.505	166	5034	0.401	ng		98
20) 4,6-Dinitro-2-methylph...	15.617	198	405	0.307	ng		98
21) 4-Bromophenyl-phenylether	16.411	248	1620	0.417	ng	#	80
22) Hexachlorobenzene	16.511	284	1989	0.442	ng		96
23) Atrazine	16.697	200	1307m	0.379	ng		
24) Pentachlorophenol	16.871	266	780	0.333	ng		95
25) Phenanthrene	17.255	178	7547	0.415	ng		100
26) Anthracene	17.355	178	6525	0.390	ng		99
28) Fluoranthene	19.290	202	8672	0.391	ng		99
30) Pyrene	19.652	202	8818	0.425	ng		99
32) Benzo(a)anthracene	21.420	228	6752	0.389	ng		98
33) Chrysene	21.474	228	8121	0.433	ng		98
34) Bis(2-ethylhexyl)phtha...	21.367	149	5562	0.402	ng		99
36) Indeno(1,2,3-cd)pyrene	26.209	276	9611	0.410	ng	#	87
37) Benzo(b)fluoranthene	23.075	252	7862	0.402	ng		97
38) Benzo(k)fluoranthene	23.122	252	8342	0.420	ng	#	96
39) Benzo(a)pyrene	23.683	252	7191	0.416	ng		95
40) Dibenzo(a,h)anthracene	26.241	278	7730	0.419	ng		96
41) Benzo(g,h,i)perylene	26.949	276	9139	0.430	ng		99

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

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