Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034861.D
Acq On : 05 Nov 2024 04:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 04:35:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	6839	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	21431	0.400	ng		0.00
13) Acenaphthene-d10	14.222	164	10867	0.400	ng		0.00
19) Phenanthrene-d10	16.970	188	21411	0.400	ng		0.00
29) Chrysene-d12	21.160	240	12483	0.400	ng	#	0.00
35) Perylene-d12	23.341	264	9733	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	7120	0.344	ng		0.00
5) Phenol-d6	6.766	99	9636	0.358	ng		0.00
8) Nitrobenzene-d5	8.728	82	5987	0.355	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	10849	0.350	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	1137	0.212	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	15772	0.368	ng		0.00
27) Fluoranthene-d10	19.001	212	17385	0.346	ng		0.00
31) Terphenyl-d14	19.614	244	9173	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	3081	0.411	ng		92
3) n-Nitrosodimethylamine	3.494	42	4138	0.490	ng	#	81
6) bis(2-Chloroethyl)ether	7.026	93	8023	0.408	ng		95
9) Naphthalene	10.404	128	22001	0.371	ng		99
10) Hexachlorobutadiene	10.703	225	3576	0.366	ng	#	99
12) 2-Methylnaphthalene	12.026	142	13519	0.349	ng		99
16) Acenaphthylene	13.933	152	17717	0.325	ng		100
17) Acenaphthene	14.286	154	12570	0.346	ng		95
18) Fluorene	15.270	166	15790	0.349	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	711	0.353	ng	#	79
21) 4-Bromophenyl-phenylether	16.175	248	4117	0.332	ng	#	91
22) Hexachlorobenzene	16.275	284	5221	0.376	ng		93
23) Atrazine	16.448	200	2930	0.275	ng		96
24) Pentachlorophenol	16.622	266	1399	0.234	ng		96
25) Phenanthrene	17.007	178	24192	0.384	ng		100
26) Anthracene	17.094	178	20428	0.347	ng		100
28) Fluoranthene	19.034	202	25234	0.364	ng		99
30) Pyrene	19.396	202	25452	0.390	ng		100
32) Benzo(a)anthracene	21.142	228	17648	0.355	ng		99
33) Chrysene	21.196	228	19265	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	21.107	149	11721	0.282	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.501	276	14740	0.412	ng		92
37) Benzo(b)fluoranthene	22.689	252	15905	0.406	ng		96
38) Benzo(k)fluoranthene	22.733	252	16776m	0.439	ng		
39) Benzo(a)pyrene	23.241	252	11941	0.369	ng	#	93
40) Dibenzo(a,h)anthracene	25.516	278	11413	0.409	ng		98
41) Benzo(g,h,i)perylene	26.159	276	12092	0.401	ng		95

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

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