Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033447.D
Acq On : 17 Aug 2024 01:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 02:19:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.566	152	8031	0.400	ng		0.00
7) Naphthalene-d8	10.325	136	21798	0.400	ng		#-0.01
13) Acenaphthene-d10	14.199	164	11010	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	23709	0.400	ng		-0.01
29) Chrysene-d12	21.148	240	20481	0.400	ng		0.00
35) Perylene-d12	23.320	264	22515	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.190	112	8709	0.393	ng		0.00
5) Phenol-d6	6.750	99	10702	0.357	ng		0.00
8) Nitrobenzene-d5	8.691	82	7091	0.431	ng		-0.01
11) 2-Methylnaphthalene-d10	11.922	152	11964	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	2149	0.380	ng		-0.01
15) 2-Fluorobiphenyl	12.820	172	17872	0.396	ng		0.00
27) Fluoranthene-d10	18.984	212	23185	0.366	ng		0.00
31) Terphenyl-d14	19.602	244	16251	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3672	0.412	ng		95
3) n-Nitrosodimethylamine	3.486	42	4103	0.357	ng		87
6) bis(2-Chloroethyl)ether	6.996	93	9240	0.381	ng		99
9) Naphthalene	10.378	128	23509	0.391	ng		100
10) Hexachlorobutadiene	10.677	225	4616	0.402	ng	#	100
12) 2-Methylnaphthalene	11.998	142	14692	0.362	ng		100
16) Acenaphthylene	13.911	152	18784	0.365	ng		100
17) Acenaphthene	14.263	154	13346	0.378	ng		99
18) Fluorene	15.247	166	16966	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.332	198	1168	0.406	ng	#	86
21) 4-Bromophenyl-phenylether	16.147	248	5538	0.390	ng		98
22) Hexachlorobenzene	16.259	284	6334	0.398	ng		99
23) Atrazine	16.433	200	4315	0.383	ng		98
24) Pentachlorophenol	16.606	266	2706	0.421	ng		97
25) Phenanthrene	16.991	178	26659	0.389	ng		100
26) Anthracene	17.078	178	22911	0.378	ng		100
28) Fluoranthene	19.017	202	30927	0.367	ng		100
30) Pyrene	19.379	202	32942	0.404	ng		100
32) Benzo(a)anthracene	21.130	228	29295	0.383	ng		98
33) Chrysene	21.184	228	29884	0.388	ng		100
34) Bis(2-ethylhexyl)phtha...	21.103	149	19281	0.554	ng		100
36) Indeno(1,2,3-cd)pyrene	25.481	276	36858	0.396	ng		99
37) Benzo(b)fluoranthene	22.677	252	31385	0.370	ng		97
38) Benzo(k)fluoranthene	22.718	252	31241m	0.361	ng		
39) Benzo(a)pyrene	23.227	252	26808	0.376	ng		96
40) Dibenzo(a,h)anthracene	25.501	278	29720	0.405	ng		96
41) Benzo(g,h,i)perylene	26.136	276	31000	0.380	ng		99

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

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