Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035066.D
Acq On : 13 Nov 2024 15:04
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 16:44:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	2280	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	5826	0.400	ng		0.00
13) Acenaphthene-d10	14.190	164	4517	0.400	ng		0.00
19) Phenanthrene-d10	16.932	188	12068	0.400	ng	#	0.00
29) Chrysene-d12	21.133	240	13823	0.400	ng	#	0.00
35) Perylene-d12	23.303	264	15060	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	9427	1.629	ng		0.00
5) Phenol-d6	6.737	99	12023	1.657	ng		0.00
8) Nitrobenzene-d5	8.696	82	8306	1.643	ng		0.00
11) 2-Methylnaphthalene-d10	11.912	152	17545	1.690	ng		0.00
14) 2,4,6-Tribromophenol	15.691	330	5402	1.659	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	30472	1.661	ng		0.00
27) Fluoranthene-d10	18.973	212	61972	1.676	ng		0.00
31) Terphenyl-d14	19.587	244	47914	1.652	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	3351	1.618	ng		98
3) n-Nitrosodimethylamine	3.465	42	3168	1.647	ng	#	97
6) bis(2-Chloroethyl)ether	6.990	93	9071	1.665	ng		99
9) Naphthalene	10.362	128	25283	1.662	ng		98
10) Hexachlorobutadiene	10.660	225	7338	1.646	ng	#	99
12) 2-Methylnaphthalene	11.988	142	18997	1.693	ng		99
16) Acenaphthylene	13.901	152	32064	1.661	ng		99
17) Acenaphthene	14.254	154	20910	1.653	ng		99
18) Fluorene	15.238	166	30868	1.659	ng		99
20) 4,6-Dinitro-2-methylph...	15.323	198	4259	1.695	ng	#	84
21) 4-Bromophenyl-phenylether	16.138	248	12888	1.676	ng	#	86
22) Hexachlorobenzene	16.250	284	13172	1.651	ng		99
23) Atrazine	16.424	200	11471	1.663	ng	#	93
24) Pentachlorophenol	16.597	266	6275	1.683	ng		98
25) Phenanthrene	16.982	178	52915	1.666	ng		99
26) Anthracene	17.069	178	49046	1.681	ng		100
28) Fluoranthene	19.006	202	73694	1.687	ng		100
30) Pyrene	19.368	202	75558	1.641	ng		100
32) Benzo(a)anthracene	21.125	228	78298	1.627	ng		100
33) Chrysene	21.169	228	78533	1.647	ng		98
34) Bis(2-ethylhexyl)phtha...	21.080	149	38807	1.549	ng		99
36) Indeno(1,2,3-cd)pyrene	25.452	276	99936	1.663	ng		100
37) Benzo(b)fluoranthene	22.660	252	85426m	1.686	ng		
38) Benzo(k)fluoranthene	22.701	252	84960	1.676	ng	#	95
39) Benzo(a)pyrene	23.209	252	74668	1.675	ng	#	94
40) Dibenzo(a,h)anthracene	25.469	278	79628	1.673	ng		98
41) Benzo(g,h,i)perylene	26.107	276	83498	1.649	ng		98

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

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