Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034687.D
Acq On : 24 Oct 2024 10:59
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 12:43:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 12:41:40 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	6279	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	18298	0.400	ng		0.00
13) Acenaphthene-d10	14.325	164	8788	0.400	ng		0.00
19) Phenanthrene-d10	17.063	188	18528	0.400	ng	#	0.00
29) Chrysene-d12	21.247	240	12066	0.400	ng	#	0.00
35) Perylene-d12	23.467	264	10772	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.321	112	15922	0.829	ng		0.00
5) Phenol-d6	6.881	99	20820	0.847	ng		0.00
8) Nitrobenzene-d5	8.845	82	12949	0.854	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	21347	0.829	ng		0.00
14) 2,4,6-Tribromophenol	15.810	330	2227	0.598	ng		0.00
15) 2-Fluorobiphenyl	12.957	172	29939	0.864	ng		0.00
27) Fluoranthene-d10	19.096	212	36834	0.812	ng		0.00
31) Terphenyl-d14	19.705	244	20915	0.896	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	6845	0.895	ng		98
3) n-Nitrosodimethylamine	3.581	42	10574	1.144	ng	#	97
6) bis(2-Chloroethyl)ether	7.141	93	17336	0.921	ng		99
9) Naphthalene	10.532	128	43252	0.857	ng		99
10) Hexachlorobutadiene	10.831	225	6528	0.807	ng	#	99
12) 2-Methylnaphthalene	12.146	142	26668	0.836	ng		100
16) Acenaphthylene	14.047	152	35850	0.849	ng		99
17) Acenaphthene	14.389	154	25224	0.876	ng		99
18) Fluorene	15.373	166	31002	0.864	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	2025	0.799	ng	#	77
21) 4-Bromophenyl-phenylether	16.269	248	8290	0.818	ng	#	80
22) Hexachlorobenzene	16.381	284	9007	0.801	ng		98
23) Atrazine	16.542	200	6777	0.764	ng	#	93
24) Pentachlorophenol	16.716	266	3059	0.693	ng		99
25) Phenanthrene	17.101	178	47181	0.856	ng		100
26) Anthracene	17.200	178	41660	0.845	ng		100
28) Fluoranthene	19.129	202	51141	0.827	ng		100
30) Pyrene	19.486	202	51944	0.963	ng		100
32) Benzo(a)anthracene	21.238	228	39570	0.860	ng		99
33) Chrysene	21.283	228	41243	0.906	ng		99
34) Bis(2-ethylhexyl)phtha...	21.203	149	20342	0.650	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.698	276	34379	0.828	ng		100
37) Benzo(b)fluoranthene	22.803	252	36922m	0.948	ng		
38) Benzo(k)fluoranthene	22.850	252	37118	0.977	ng	#	91
39) Benzo(a)pyrene	23.371	252	29490	0.892	ng	#	88
40) Dibenzo(a,h)anthracene	25.718	278	26850	0.823	ng		96
41) Benzo(g,h,i)perylene	26.373	276	29665	0.824	ng		97

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

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