Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026780.D
Acq On : 01 Aug 2023 12:32
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN080123

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 00:36:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	6928	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	20722	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	11699	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	25748	0.400	ng		0.00
29) Chrysene-d12	21.677	240	20351	0.400	ng		0.00
35) Perylene-d12	24.235	264	19238	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	6785	0.387	ng		0.00
5) Phenol-d6	7.243	99	8842	0.389	ng		0.00
8) Nitrobenzene-d5	9.305	82	4898	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.521	152	12126	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1332	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	19459	0.407	ng		0.00
27) Fluoranthene-d10	19.514	212	24403	0.395	ng		0.00
31) Terphenyl-d14	20.104	244	16260	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	3397	0.420	ng		99
3) n-Nitrosodimethylamine	3.827	42	3817	0.423	ng		98
6) bis(2-Chloroethyl)ether	7.546	93	8718	0.426	ng		99
9) Naphthalene	11.002	128	23545	0.413	ng		100
10) Hexachlorobutadiene	11.248	225	4392	0.425	ng	#	100
12) 2-Methylnaphthalene	12.597	142	15898	0.409	ng		99
16) Acenaphthylene	14.469	152	22922	0.396	ng		100
17) Acenaphthene	14.812	154	14862	0.410	ng		99
18) Fluorene	15.792	166	19411	0.411	ng		99
20) 4,6-Dinitro-2-methylph...	16.946	198	171	0.410	ng		80
21) 4-Bromophenyl-phenylether	16.686	248	6382	0.410	ng		97
22) Hexachlorobenzene	16.760	284	7689	0.432	ng		100
23) Atrazine	16.946	200	3694	0.359	ng		99
24) Pentachlorophenol	17.120	266	1680	0.368	ng		99
25) Phenanthrene	17.530	178	32598	0.417	ng		100
26) Anthracene	17.629	178	27268	0.390	ng		100
28) Fluoranthene	19.542	202	35122	0.403	ng		100
30) Pyrene	19.909	202	35581	0.405	ng		100
32) Benzo(a)anthracene	21.659	228	27629	0.395	ng		100
33) Chrysene	21.712	228	31790	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.560	149	8953	0.387	ng		99
36) Indeno(1,2,3-cd)pyrene	26.952	276	31216	0.398	ng		99
37) Benzo(b)fluoranthene	23.440	252	30217	0.399	ng		99
38) Benzo(k)fluoranthene	23.493	252	31449m	0.404	ng		
39) Benzo(a)pyrene	24.121	252	28821	0.418	ng		98
40) Dibenzo(a,h)anthracene	26.981	278	25159	0.413	ng		99
41) Benzo(g,h,i)perylene	27.788	276	28159	0.390	ng		100

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

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