Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029048.D
Acq On : 05 Dec 2023 23:02
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120523

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:15:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1057	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	2217	0.400	ng	0.00
13) Acenaphthene-d10	14.396	164	1916	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	5063	0.400	ng	0.00
29) Chrysene-d12	21.347	240	3716	0.400	ng	0.00
35) Perylene-d12	23.670	264	3492	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	886	0.371	ng	0.00
5) Phenol-d6	6.980	99	1013	0.354	ng	0.00
8) Nitrobenzene-d5	8.939	82	873	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	1676	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	706	0.334	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3502	0.353	ng	0.00
27) Fluoranthene-d10	19.185	212	5605	0.352	ng	0.00
31) Terphenyl-d14	19.794	244	3355	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	304	0.357	ng	# 95
3) n-Nitrosodimethylamine	3.731	42	184	0.356	ng	# 1
6) bis(2-Chloroethyl)ether	7.233	93	689	0.341	ng	96
9) Naphthalene	10.605	128	2450	0.354	ng	98
10) Hexachlorobutadiene	10.872	225	1090	0.357	ng	# 96
12) 2-Methylnaphthalene	12.219	142	1959	0.348	ng	98
16) Acenaphthylene	14.118	152	3646	0.346	ng	100
17) Acenaphthene	14.460	154	2346	0.355	ng	99
18) Fluorene	15.455	166	3810	0.361	ng	98
20) 4,6-Dinitro-2-methylph...	15.545	198	518m	0.339	ng	
21) 4-Bromophenyl-phenylether	16.352	248	1630	0.356	ng	98
22) Hexachlorobenzene	16.439	284	1860	0.357	ng	99
23) Atrazine	16.638	200	1434	0.355	ng	99
24) Pentachlorophenol	16.799	266	917	0.322	ng	97
25) Phenanthrene	17.184	178	5982	0.354	ng	99
26) Anthracene	17.283	178	5678	0.348	ng	99
28) Fluoranthene	19.213	202	8108	0.349	ng	100
30) Pyrene	19.580	202	8328	0.362	ng	100
32) Benzo(a)anthracene	21.338	228	6783	0.360	ng	98
33) Chrysene	21.383	228	6561	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.275	149	3861	0.332	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.044	276	6337	0.356	ng	100
37) Benzo(b)fluoranthene	22.965	252	6618	0.353	ng	96
38) Benzo(k)fluoranthene	23.012	252	6342	0.361	ng	96
39) Benzo(a)pyrene	23.567	252	5588	0.360	ng	96
40) Dibenzo(a,h)anthracene	26.073	278	4835	0.352	ng	95
41) Benzo(g,h,i)perylene	26.772	276	5354	0.356	ng	97

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

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