Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034560.D
Acq On : 11 Oct 2024 18:11
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 18:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	4159	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	11135	0.400	ng	-0.01
13) Acenaphthene-d10	14.019	164	5901	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	10531	0.400	ng	0.00
29) Chrysene-d12	21.008	240	5060	0.400	ng	0.00
35) Perylene-d12	23.113	264	7684	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	3791	0.321	ng	0.00
5) Phenol-d6	6.578	99	3609m	0.263	ng	0.00
8) Nitrobenzene-d5	8.515	82	2626	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	11.723	152	9807	0.596	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	688	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8100	0.337	ng	0.00
27) Fluoranthene-d10	18.825	212	9416	0.354	ng	0.00
31) Terphenyl-d14	19.452	244	5878	0.582	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1753	0.337	ng	# 30
3) n-Nitrosodimethylamine	3.321	42	2014	0.340	ng	# 88
6) bis(2-Chloroethyl)ether	6.817	93	3916	0.322	ng	94
9) Naphthalene	10.170	128	11753	0.385	ng	99
10) Hexachlorobutadiene	10.458	225	2591	0.450	ng	# 98
12) 2-Methylnaphthalene	11.803	142	7194	0.362	ng	99
16) Acenaphthylene	13.731	152	9535	0.377	ng	99
17) Acenaphthene	14.083	154	6896	0.381	ng	99
18) Fluorene	15.078	166	8071	0.339	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	67	0.172	ng	# 16
21) 4-Bromophenyl-phenylether	15.989	248	2205	0.372	ng	# 87
22) Hexachlorobenzene	16.089	284	3410	0.514	ng	# 89
23) Atrazine	16.287	200	1638	0.334	ng	# 94
24) Pentachlorophenol	16.461	266	1197	0.545	ng	98
25) Phenanthrene	16.821	178	11713	0.387	ng	99
26) Anthracene	16.920	178	9013	0.365	ng	100
28) Fluoranthene	18.857	202	12224	0.349	ng	98
30) Pyrene	19.220	202	12652	0.592	ng	100
32) Benzo(a)anthracene	21.008	228	1216m	0.076	ng	
33) Chrysene	21.044	228	12349m	0.647	ng	
36) Indeno(1,2,3-cd)pyrene	25.168	276	15534	0.472	ng	94
37) Benzo(b)fluoranthene	22.490	252	11090	0.368	ng	96
38) Benzo(k)fluoranthene	22.534	252	13063	0.413	ng	94
39) Benzo(a)pyrene	23.022	252	10557	0.430	ng	96
40) Dibenzo(a,h)anthracene	25.189	278	11846	0.463	ng	95
41) Benzo(g,h,i)perylene	25.785	276	13691	0.477	ng	96

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

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