Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030070.D
Acq On : 26 Feb 2024 23:38
Operator : MA/JU
Sample : PB159269BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 27 00:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB159269BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2024
Supervised By :mohammad ahmed 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5185	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13386	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	5761	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	10357	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6284	0.400	ng	0.00
35) Perylene-d12	23.820	264	5889	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4658	0.374	ng	0.00
5) Phenol-d6	7.024	99	5272	0.367	ng	0.00
8) Nitrobenzene-d5	9.014	82	4681	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	9238	0.507	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	616	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10177	0.411	ng	0.00
27) Fluoranthene-d10	19.294	212	9233	0.368	ng	0.00
31) Terphenyl-d14	19.903	244	7620	0.489	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1919	0.263	ng	# 38
3) n-Nitrosodimethylamine	3.687	42	2562	0.431	ng	# 96
6) bis(2-Chloroethyl)ether	7.291	93	5659	0.413	ng	99
9) Naphthalene	10.701	128	14583	0.382	ng	100
10) Hexachlorobutadiene	10.968	225	2841	0.393	ng	# 98
12) 2-Methylnaphthalene	12.318	142	8587	0.383	ng	99
16) Acenaphthylene	14.212	152	10556	0.386	ng	100
17) Acenaphthene	14.554	154	6958	0.379	ng	99
18) Fluorene	15.542	166	8259	0.359	ng	99
20) 4,6-Dinitro-2-methylph...	15.666	198	335	0.220	ng	# 59
21) 4-Bromophenyl-phenylether	16.448	248	2334m	0.379	ng	
22) Hexachlorobenzene	16.548	284	3117	0.412	ng	93
23) Atrazine	16.734	200	1659	0.379	ng	96
24) Pentachlorophenol	16.908	266	1644	0.686	ng	98
25) Phenanthrene	17.293	178	11173	0.365	ng	99
26) Anthracene	17.392	178	9670	0.370	ng	99
28) Fluoranthene	19.322	202	11993	0.348	ng	98
30) Pyrene	19.684	202	11995	0.415	ng	100
32) Benzo(a)anthracene	21.447	228	7883	0.367	ng	99
33) Chrysene	21.492	228	9879	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.375	149	4998	0.342	ng	98
36) Indeno(1,2,3-cd)pyrene	26.279	276	10593m	0.447	ng	
37) Benzo(b)fluoranthene	23.101	252	8247	0.392	ng	97
38) Benzo(k)fluoranthene	23.151	252	8846	0.401	ng	96
39) Benzo(a)pyrene	23.721	252	7823	0.426	ng	92
40) Dibenzo(a,h)anthracene	26.314	278	7512	0.398	ng	96
41) Benzo(g,h,i)perylene	27.010	276	9221	0.402	ng	98

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

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