Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030033.D
Acq On : 25 Feb 2024 17:55
Operator : MA/JU
Sample : PB159230BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Quant Time: Feb 26 02:52:01 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 :
PB159230BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5140	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13503	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	5934	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	10929	0.400	ng	0.00
29) Chrysene-d12	21.465	240	6617	0.400	ng	0.00
35) Perylene-d12	23.826	264	6062	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4749	0.385	ng	0.00
5) Phenol-d6	7.024	99	5285	0.371	ng	0.00
8) Nitrobenzene-d5	9.014	82	4704	0.418	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	9312	0.506	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	653	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10268	0.403	ng	0.00
27) Fluoranthene-d10	19.289	212	9662	0.365	ng	0.00
31) Terphenyl-d14	19.903	244	8079	0.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	2100	0.290	ng	# 39
3) n-Nitrosodimethylamine	3.687	42	2513	0.426	ng	# 95
6) bis(2-Chloroethyl)ether	7.291	93	5563	0.409	ng	99
9) Naphthalene	10.701	128	14597	0.379	ng	100
10) Hexachlorobutadiene	10.979	225	2794	0.383	ng	# 100
12) 2-Methylnaphthalene	12.318	142	8617	0.381	ng	99
16) Acenaphthylene	14.212	152	10748	0.381	ng	100
17) Acenaphthene	14.554	154	7052	0.373	ng	99
18) Fluorene	15.555	166	8540	0.360	ng	100
20) 4,6-Dinitro-2-methylph...	15.666	198	381	0.237	ng	# 74
21) 4-Bromophenyl-phenylether	16.448	248	2479m	0.381	ng	
22) Hexachlorobenzene	16.548	284	3175	0.398	ng	93
23) Atrazine	16.734	200	1711	0.370	ng	96
24) Pentachlorophenol	16.908	266	1966	0.777	ng	99
25) Phenanthrene	17.293	178	11672	0.361	ng	99
26) Anthracene	17.392	178	10274	0.373	ng	100
28) Fluoranthene	19.322	202	12606	0.347	ng	98
30) Pyrene	19.684	202	12680	0.416	ng	99
32) Benzo(a)anthracene	21.447	228	7906	0.350	ng	99
33) Chrysene	21.501	228	10813	0.421	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	5075	0.329	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.285	276	11008m	0.452	ng	
37) Benzo(b)fluoranthene	23.110	252	8528	0.393	ng	95
38) Benzo(k)fluoranthene	23.157	252	9164	0.404	ng	95
39) Benzo(a)pyrene	23.724	252	7861	0.416	ng	91
40) Dibenzo(a,h)anthracene	26.323	278	8376	0.432	ng	94
41) Benzo(g,h,i)perylene	27.013	276	9818	0.415	ng	98

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

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