Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
Data File : BN030400.D
Acq On : 14 Mar 2024 16:35
Operator : MA/JU
Sample : PB159518BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 14 17:06:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:36:29 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB159518BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1775	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3989	0.400	ng	0.00
13) Acenaphthene-d10	14.286	164	2231	0.400	ng	0.00
19) Phenanthrene-d10	17.044	188	4495	0.400	ng	0.00
29) Chrysene-d12	21.250	240	3873	0.400	ng	# 0.00
35) Perylene-d12	23.487	264	4550	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	1374	0.297	ng	0.00
5) Phenol-d6	6.822	99	1333	0.296	ng	0.00
8) Nitrobenzene-d5	8.800	82	1179	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.023	152	3306	0.534	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	334	0.257	ng	0.01
15) 2-Fluorobiphenyl	12.907	172	2705m	0.301	ng	0.00
27) Fluoranthene-d10	19.085	212	4035	0.310	ng	0.00
31) Terphenyl-d14	19.698	244	3111	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	666	0.270	ng	# 69
3) n-Nitrosodimethylamine	3.557	42	754	0.334	ng	# 96
6) bis(2-Chloroethyl)ether	7.089	93	1233	0.341	ng	98
9) Naphthalene	10.466	128	3586	0.336	ng	100
10) Hexachlorobutadiene	10.744	225	1049	0.318	ng	# 98
12) 2-Methylnaphthalene	12.095	142	2315	0.337	ng	95
16) Acenaphthylene	14.009	152	3539	0.363	ng	99
17) Acenaphthene	14.351	154	2139	0.334	ng	99
18) Fluorene	15.345	166	2853	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.462	198	226	0.379	ng	# 66
21) 4-Bromophenyl-phenylether	16.250	248	892	0.336	ng	# 91
22) Hexachlorobenzene	16.349	284	1122	0.354	ng	97
23) Atrazine	16.535	200	801	0.335	ng	97
24) Pentachlorophenol	16.697	266	996	0.600	ng	99
25) Phenanthrene	17.094	178	4115	0.344	ng	99
26) Anthracene	17.181	178	3806	0.347	ng	99
28) Fluoranthene	19.118	202	4986	0.309	ng	100
30) Pyrene	19.485	202	5178	0.358	ng	99
32) Benzo(a)anthracene	21.241	228	4301	0.334	ng	97
33) Chrysene	21.295	228	5023	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	2346	0.349	ng	97
36) Indeno(1,2,3-cd)pyrene	25.727	276	7405	0.382	ng	# 93
37) Benzo(b)fluoranthene	22.818	252	4788	0.323	ng	93
38) Benzo(k)fluoranthene	22.862	252	5432	0.362	ng	94
39) Benzo(a)pyrene	23.388	252	5298	0.384	ng	95
40) Dibenzo(a,h)anthracene	25.753	278	5487	0.358	ng	94
41) Benzo(g,h,i)perylene	26.405	276	6475	0.358	ng	99

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

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