Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034338.D
Acq On : 23 Mar 2022 14:42
Operator : CG/JU
Sample : PB143412BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 24 02:28:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB143412BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	192909	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	817596	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	515670	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1020978	20.000	ng	-0.01
76) Chrysene-d12	21.495	240	934878	20.000	ng	0.00
86) Perylene-d12	23.906	264	849414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1672716	155.555	ng	0.00
7) Phenol-d6	7.107	99	2194652	142.546	ng	0.00
23) Nitrobenzene-d5	9.101	82	1413172	84.153	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	885287	127.369	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	3166397	83.907	ng	0.00
79) Terphenyl-d14	19.936	244	4607723	85.641	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	157827	32.440	ng	97
3) Pyridine	3.755	79	426387	32.387	ng	98
4) n-Nitrosodimethylamine	3.666	42	263657	42.177	ng	99
6) Aniline	7.260	93	721556	41.011	ng	99
8) 2-Chlorophenol	7.501	128	620320	49.320	ng	99
9) Benzaldehyde	7.066	77	318752	38.428	ng	99
10) Phenol	7.131	94	771015	50.352	ng	99
11) bis(2-Chloroethyl)ether	7.354	93	561538	44.679	ng	100
12) 1,3-Dichlorobenzene	7.831	146	606936	42.542	ng	100
13) 1,4-Dichlorobenzene	7.978	146	621074	42.523	ng	99
14) 1,2-Dichlorobenzene	8.295	146	603952	42.418	ng	99
15) Benzyl Alcohol	8.178	79	574492	46.887	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	763127	44.244	ng	99
17) 2-Methylphenol	8.384	107	520568	48.540	ng	98
18) Hexachloroethane	9.031	117	229779	42.655	ng	98
19) n-Nitroso-di-n-propyla...	8.754	70	486560	43.690	ng	99
20) 3+4-Methylphenols	8.713	107	701506	47.297	ng	98
22) Acetophenone	8.766	105	892425	42.534	ng	99
24) Nitrobenzene	9.148	77	688612	43.921	ng	97
25) Isophorone	9.678	82	1273750	45.327	ng	98
26) 2-Nitrophenol	9.860	139	320123	46.042	ng	99
27) 2,4-Dimethylphenol	9.925	122	577867	53.078	ng	98
28) bis(2-Chloroethoxy)met...	10.160	93	764626	42.500	ng	100
29) 2,4-Dichlorophenol	10.401	162	574835	45.443	ng	98
30) 1,2,4-Trichlorobenzene	10.619	180	580170	40.349	ng	99
31) Naphthalene	10.801	128	1796311	42.172	ng	99
32) Benzoic acid	10.078	122	388939	43.201	ng	98
33) 4-Chloroaniline	10.907	127	329343	19.601	ng	98
34) Hexachlorobutadiene	11.095	225	355289	39.011	ng	99
35) Caprolactam	11.695	113	180802	41.117	ng	98
36) 4-Chloro-3-methylphenol	12.036	107	636653	43.919	ng	99
37) 2-Methylnaphthalene	12.413	142	1276387	41.995	ng	98
38) 1-Methylnaphthalene	12.631	142	1223391	41.148	ng	97
40) 1,2,4,5-Tetrachloroben...	12.783	216	658761	42.332	ng	99
41) Hexachlorocyclopentadiene	12.766	237	905335	100.474	ng	98
43) 2,4,6-Trichlorophenol	13.019	196	465285	43.307	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	503823	43.689	ng	100
46) 1,1'-Biphenyl	13.419	154	1673396	42.559	ng	98
47) 2-Chloronaphthalene	13.460	162	1271714	42.137	ng	98
48) 2-Nitroaniline	13.660	65	421134	45.642	ng	99
49) Acenaphthylene	14.301	152	2151015	45.727	ng	100
50) Dimethylphthalate	14.042	163	1628451	41.492	ng	100
51) 2,6-Dinitrotoluene	14.154	165	359804	44.696	ng	97
52) Acenaphthene	14.648	154	1493355m	47.131	ng	
53) 3-Nitroaniline	14.477	138	213932	26.488	ng	98
54) 2,4-Dinitrophenol	14.689	184	418178	92.716	ng	98
55) Dibenzofuran	14.977	168	1933848	40.955	ng	99
56) 4-Nitrophenol	14.789	139	583880	89.176	ng	97
57) 2,4-Dinitrotoluene	14.936	165	490256	45.054	ng	97
58) Fluorene	15.624	166	1622140	42.317	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	421066	40.491	ng	99
60) Diethylphthalate	15.401	149	1670914	41.497	ng	99
61) 4-Chlorophenyl-phenyle...	15.619	204	804767	41.120	ng	99
62) 4-Nitroaniline	15.642	138	340545	43.831	ng	98
63) Azobenzene	15.913	77	1616520	41.632	ng	98
65) 4,6-Dinitro-2-methylph...	15.701	198	272190	41.000	ng	99
66) n-Nitrosodiphenylamine	15.830	169	1389924	42.851	ng	100
67) 4-Bromophenyl-phenylether	16.513	248	490107	41.758	ng	97
68) Hexachlorobenzene	16.630	284	545166	41.644	ng	98
69) Atrazine	16.783	200	503582	47.102	ng	99
70) Pentachlorophenol	16.971	266	723585	86.433	ng	99
71) Phenanthrene	17.365	178	2419593	42.318	ng	100
72) Anthracene	17.454	178	2470188	44.386	ng	100
73) Carbazole	17.718	167	2178165	41.967	ng	99
74) Di-n-butylphthalate	18.289	149	2807017	43.505	ng	99
75) Fluoranthene	19.377	202	2693780	42.027	ng	99
77) Benzidine	19.554	184	817723	59.688	ng	99
78) Pyrene	19.736	202	2770798	42.066	ng	99
80) Butylbenzylphthalate	20.630	149	1216896	43.685	ng	100
81) Benzo(a)anthracene	21.477	228	2547530	43.174	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	634673	32.203	ng	100
83) Chrysene	21.530	228	2425515	40.253	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1855306	45.103	ng	99
85) Di-n-octyl phthalate	22.336	149	3008431	46.074	ng	100
87) Indeno(1,2,3-cd)pyrene	26.424	276	2236428	40.929	ng	98
88) Benzo(b)fluoranthene	23.171	252	2383056	46.917	ng	99
89) Benzo(k)fluoranthene	23.218	252	2412815	44.843	ng	99
90) Benzo(a)pyrene	23.800	252	2243530	52.103	ng	99
91) Dibenzo(a,h)anthracene	26.435	278	1953466	44.091	ng	99
92) Benzo(g,h,i)perylene	27.194	276	1970825	42.976	ng	99

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

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