Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035826.D
Acq On : 15 Jul 2022 10:57
Operator : CG/JU
Sample : PB146220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 23:45:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146220BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	277469	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1083476	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	577136	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1073613	20.000	ng		0.00
76) Chrysene-d12	21.450	240	978859	20.000	ng		0.00
86) Perylene-d12	23.833	264	1028619	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2098556	122.848	ng		0.00
7) Phenol-d6	7.069	99	2485707	116.330	ng		0.00
23) Nitrobenzene-d5	9.069	82	1536354	81.063	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	761351	129.904	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3199940	77.325	ng		0.00
79) Terphenyl-d14	19.897	244	4285123	84.979	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	245815	34.114	ng		93
3) Pyridine	3.728	79	675292	36.110	ng		89
4) n-Nitrosodimethylamine	3.640	42	330564	40.159	ng	#	71
6) Aniline	7.228	93	943016	39.493	ng		95
8) 2-Chlorophenol	7.463	128	762384	42.864	ng		96
9) Benzaldehyde	7.039	77	455675	39.072	ng		93
10) Phenol	7.098	94	922593	42.879	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	742091	41.833	ng		97
12) 1,3-Dichlorobenzene	7.792	146	843017	41.345	ng		97
13) 1,4-Dichlorobenzene	7.939	146	856134	41.223	ng		99
14) 1,2-Dichlorobenzene	8.257	146	819853	40.908	ng		99
15) Benzyl Alcohol	8.145	79	582360m	42.381	ng		
16) 2,2'-oxybis(1-Chloropr...	8.445	45	981176	42.848	ng		97
17) 2-Methylphenol	8.351	107	587802	42.376	ng		95
18) Hexachloroethane	8.986	117	323268	44.234	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	522883	42.612	ng		89
20) 3+4-Methylphenols	8.681	107	775099	41.749	ng		96
22) Acetophenone	8.733	105	1077123	41.182	ng	#	92
24) Nitrobenzene	9.116	77	779546	43.650	ng		95
25) Isophorone	9.639	82	1398320	46.582	ng		98
26) 2-Nitrophenol	9.822	139	354408	46.465	ng		93
27) 2,4-Dimethylphenol	9.886	122	625237	48.545	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	876766	41.426	ng		99
29) 2,4-Dichlorophenol	10.357	162	609250	43.208	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	681218	39.093	ng		98
31) Naphthalene	10.763	128	2241515	40.964	ng		99
32) Benzoic acid	9.998	122	372557	43.756	ng		94
33) 4-Chloroaniline	10.875	127	592894	27.405	ng		96
34) Hexachlorobutadiene	11.045	225	407659	40.563	ng		99
35) Caprolactam	11.645	113	180220	42.547	ng		94
36) 4-Chloro-3-methylphenol	11.998	107	606232	42.517	ng		98
37) 2-Methylnaphthalene	12.369	142	1453083	40.374	ng		97
38) 1-Methylnaphthalene	12.586	142	1382058	39.420	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	698401	41.802	ng		99
41) Hexachlorocyclopentadiene	12.716	237	993306	113.991	ng		98
43) 2,4,6-Trichlorophenol	12.974	196	437746	44.969	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	473056	45.302	ng	97
46) 1,1'-Biphenyl	13.380	154	1796294	40.980	ng	98
47) 2-Chloronaphthalene	13.416	162	1397632	41.646	ng	99
48) 2-Nitroaniline	13.621	65	375414	43.124	ng	92
49) Acenaphthylene	14.263	152	2165589	42.692	ng	100
50) Dimethylphthalate	14.004	163	1545212	41.541	ng	99
51) 2,6-Dinitrotoluene	14.116	165	342489	42.560	ng	95
52) Acenaphthene	14.604	154	1276863	41.243	ng	100
53) 3-Nitroaniline	14.445	138	279171	29.939	ng	95
54) 2,4-Dinitrophenol	14.645	184	323149	93.368	ng	91
55) Dibenzofuran	14.939	168	1983067	39.610	ng	97
56) 4-Nitrophenol	14.751	139	654481	86.195	ng	85
57) 2,4-Dinitrotoluene	14.898	165	455782	42.979	ng	98
58) Fluorene	15.580	166	1609729	40.525	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.157	232	371084	43.105	ng	98
60) Diethylphthalate	15.362	149	1548219	42.304	ng	99
61) 4-Chlorophenyl-phenyle...	15.580	204	766615	38.873	ng	97
62) 4-Nitroaniline	15.604	138	384927	38.710	ng	91
63) Azobenzene	15.874	77	1550534	40.883	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	190000	42.859	ng	94
66) n-Nitrosodiphenylamine	15.792	169	1331613	43.375	ng	100
67) 4-Bromophenyl-phenylether	16.474	248	453733	42.674	ng	94
68) Hexachlorobenzene	16.580	284	532156	42.377	ng	92
69) Atrazine	16.745	200	433325	54.627	ng	97
70) Pentachlorophenol	16.921	266	640283	98.693	ng	99
71) Phenanthrene	17.321	178	2330854	41.327	ng	99
72) Anthracene	17.409	178	2356344	43.428	ng	100
73) Carbazole	17.680	167	2200912	40.320	ng	99
74) Di-n-butylphthalate	18.251	149	2479705	42.830	ng	99
75) Fluoranthene	19.333	202	2571218	40.765	ng	99
77) Benzidine	19.515	184	1367335	99.777	ng	99
78) Pyrene	19.692	202	2671801	43.464	ng	99
80) Butylbenzylphthalate	20.597	149	983808	45.482	ng	99
81) Benzo(a)anthracene	21.439	228	2584482	42.089	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	737175	59.216	ng	99
83) Chrysene	21.491	228	2441817	41.188	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	1456312	44.664	ng	98
85) Di-n-octyl phthalate	22.303	149	2373954	49.555	ng	96
87) Indeno(1,2,3-cd)pyrene	26.315	276	3289757	43.919	ng	99
88) Benzo(b)fluoranthene	23.109	252	2739008	44.087	ng	99
89) Benzo(k)fluoranthene	23.156	252	2670602	41.098	ng	99
90) Benzo(a)pyrene	23.727	252	2423506	46.622	ng	99
91) Dibenzo(a,h)anthracene	26.332	278	2873607	46.245	ng	99
92) Benzo(g,h,i)perylene	27.079	276	2857544	46.608	ng	100

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

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