Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035325.D
Acq On : 31 May 2022 13:39
Operator : CG/JU
Sample : PB145012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 31 15:38:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB145012BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	150097	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	575614	20.000	ng	#	0.00
39) Acenaphthene-d10	14.510	164	343501	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	638348	20.000	ng		0.00
76) Chrysene-d12	21.433	240	493730	20.000	ng	#	0.00
86) Perylene-d12	23.797	264	428915	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1015575	124.928	ng		0.00
7) Phenol-d6	7.051	99	1212406	115.178	ng		0.00
23) Nitrobenzene-d5	9.028	82	784922	75.065	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	517124	116.046	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2022240	81.640	ng		0.00
79) Terphenyl-d14	19.874	244	2529743	90.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	98101	30.813	ng		93
3) Pyridine	3.752	79	253037	30.549	ng		90
4) n-Nitrosodimethylamine	3.657	42	158701	39.339	ng		85
6) Aniline	7.193	93	426520	38.137	ng		98
8) 2-Chlorophenol	7.434	128	405337	44.309	ng		94
9) Benzaldehyde	7.010	77	38501	7.055	ng		98
10) Phenol	7.075	94	449319	43.799	ng		98
11) bis(2-Chloroethyl)ether	7.293	93	339879	42.386	ng		94
12) 1,3-Dichlorobenzene	7.757	146	445740	42.157	ng		96
13) 1,4-Dichlorobenzene	7.904	146	458169	42.428	ng		98
14) 1,2-Dichlorobenzene	8.222	146	436582	41.656	ng		99
15) Benzyl Alcohol	8.116	79	328667	43.898	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	425419	39.474	ng		94
17) 2-Methylphenol	8.322	107	310993	43.236	ng		97
18) Hexachloroethane	8.945	117	160053	43.268	ng	#	88
19) n-Nitroso-di-n-propyla...	8.681	70	265059	40.828	ng		90
20) 3+4-Methylphenols	8.651	107	419457	42.603	ng		97
22) Acetophenone	8.692	105	554531	40.482	ng	#	94
24) Nitrobenzene	9.069	77	397948	41.262	ng		97
25) Isophorone	9.604	82	707730	44.719	ng		96
26) 2-Nitrophenol	9.781	139	220550	44.320	ng		93
27) 2,4-Dimethylphenol	9.851	122	351426	50.420	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	440634	41.171	ng		99
29) 2,4-Dichlorophenol	10.328	162	391015	44.544	ng		98
30) 1,2,4-Trichlorobenzene	10.533	180	441189	42.100	ng		99
31) Naphthalene	10.716	128	1164509	41.518	ng		100
32) Benzoic acid	10.028	122	239157	38.650	ng		97
33) 4-Chloroaniline	10.833	127	235433	21.192	ng		98
34) Hexachlorobutadiene	11.010	225	291297	42.482	ng		100
35) Caprolactam	11.633	113	98140	40.744	ng	#	85
36) 4-Chloro-3-methylphenol	11.969	107	358220	41.076	ng		99
37) 2-Methylnaphthalene	12.327	142	826803	41.806	ng		98
38) 1-Methylnaphthalene	12.551	142	786258	40.669	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	503746	45.795	ng	#	97
41) Hexachlorocyclopentadiene	12.680	237	635877	94.500	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	321005	44.780	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	339892	44.575	ng	#	92
46) 1,1'-Biphenyl	13.345	154	1090696	43.094	ng		99
47) 2-Chloronaphthalene	13.386	162	847527	43.188	ng		99
48) 2-Nitroaniline	13.592	65	209237	42.731	ng		87
49) Acenaphthylene	14.227	152	1335433	45.640	ng		99
50) Dimethylphthalate	13.969	163	1014845	41.660	ng		99
51) 2,6-Dinitrotoluene	14.086	165	227356	45.465	ng	#	83
52) Acenaphthene	14.574	154	752801	42.247	ng		98
53) 3-Nitroaniline	14.416	138	135248	27.300	ng		95
54) 2,4-Dinitrophenol	14.633	184	272309	85.255	ng	#	78
55) Dibenzofuran	14.904	168	1224083	40.788	ng		96
56) 4-Nitrophenol	14.745	139	315719	82.659	ng		87
57) 2,4-Dinitrotoluene	14.880	165	297359	44.330	ng		86
58) Fluorene	15.557	166	975482	41.689	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	279276	41.382	ng	#	85
60) Diethylphthalate	15.333	149	977706	41.079	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	534699	41.971	ng		91
62) 4-Nitroaniline	15.580	138	190266	38.025	ng		92
63) Azobenzene	15.839	77	785810	39.024	ng		94
65) 4,6-Dinitro-2-methylph...	15.645	198	172436	43.070	ng		85
66) n-Nitrosodiphenylamine	15.763	169	836401	45.493	ng		100
67) 4-Bromophenyl-phenylether	16.445	248	326001	45.674	ng	#	89
68) Hexachlorobenzene	16.563	284	364256	45.812	ng	#	89
69) Atrazine	16.721	200	292716	47.834	ng		95
70) Pentachlorophenol	16.910	266	409568	89.185	ng		99
71) Phenanthrene	17.292	178	1424706	43.440	ng		100
72) Anthracene	17.386	178	1439507	44.964	ng		100
73) Carbazole	17.657	167	1216711	39.962	ng		98
74) Di-n-butylphthalate	18.221	149	1481024	41.925	ng		99
75) Fluoranthene	19.309	202	1548850	40.319	ng		98
77) Benzidine	19.492	184	514996	51.492	ng		100
78) Pyrene	19.674	202	1554147	47.980	ng		100
80) Butylbenzylphthalate	20.574	149	574870	46.401	ng	#	89
81) Benzo(a)anthracene	21.421	228	1373175	43.980	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	387024	50.067	ng	#	98
83) Chrysene	21.474	228	1269117	43.061	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	812839	46.404	ng	#	98
85) Di-n-octyl phthalate	22.268	149	1287873	44.318	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.250	276	1225198	41.926	ng		95
88) Benzo(b)fluoranthene	23.086	252	1259448	48.671	ng		98
89) Benzo(k)fluoranthene	23.133	252	1163800m	45.521	ng		
90) Benzo(a)pyrene	23.697	252	1150980	53.665	ng	#	98
91) Dibenzo(a,h)anthracene	26.268	278	1083211	44.623	ng	#	96
92) Benzo(g,h,i)perylene	27.003	276	1076613	44.469	ng		95

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

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