Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035452.D
Acq On : 10 Jun 2022 16:55
Operator : CG/JU
Sample : PB145400BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 11 00:54:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 16:05:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB145400BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	325415	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	1446062	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	855484	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1639671	20.000	ng	#	0.00
76) Chrysene-d12	21.397	240	1223183	20.000	ng		0.00
86) Perylene-d12	23.738	264	1010535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	2470629	128.748	ng		0.00
7) Phenol-d6	7.004	99	3186423	119.825	ng		0.00
23) Nitrobenzene-d5	8.986	82	2041418	76.717	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1050408	115.328	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	4450173	74.316	ng		0.00
79) Terphenyl-d14	19.839	244	5574833	87.021	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	232504	31.766	ng		95
3) Pyridine	3.704	79	616419	30.113	ng		93
4) n-Nitrosodimethylamine	3.616	42	438999	46.463	ng		93
6) Aniline	7.151	93	1285096	44.709	ng		100
8) 2-Chlorophenol	7.392	128	981892	44.574	ng		98
9) Benzaldehyde	6.963	77	464083	34.763	ng		97
10) Phenol	7.034	94	1187427	45.966	ng		97
11) bis(2-Chloroethyl)ether	7.251	93	879703	42.485	ng		97
12) 1,3-Dichlorobenzene	7.710	146	953782	40.588	ng		99
13) 1,4-Dichlorobenzene	7.857	146	978174	40.661	ng		99
14) 1,2-Dichlorobenzene	8.175	146	960362	40.901	ng		100
15) Benzyl Alcohol	8.069	79	789592m	44.323	ng		
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1602848	44.570	ng		96
17) 2-Methylphenol	8.281	107	795462	44.872	ng		98
18) Hexachloroethane	8.892	117	371241	43.029	ng		93
19) n-Nitroso-di-n-propyla...	8.634	70	710029	42.478	ng		95
20) 3+4-Methylphenols	8.610	107	1085755	43.692	ng		96
22) Acetophenone	8.651	105	1403929	40.085	ng	#	98
24) Nitrobenzene	9.028	77	1057536	43.405	ng		98
25) Isophorone	9.557	82	1938190	44.788	ng		99
26) 2-Nitrophenol	9.739	139	524392	42.055	ng		98
27) 2,4-Dimethylphenol	9.810	122	918458	50.266	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	1236861	41.078	ng		100
29) 2,4-Dichlorophenol	10.281	162	879366	43.187	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	895956	39.580	ng		99
31) Naphthalene	10.669	128	2942852	40.630	ng		99
32) Benzoic acid	10.010	122	643586	38.724	ng		98
33) 4-Chloroaniline	10.792	127	940122	31.901	ng		98
34) Hexachlorobutadiene	10.957	225	500204	39.265	ng		99
35) Caprolactam	11.598	113	284667m	41.246	ng		
36) 4-Chloro-3-methylphenol	11.927	107	981703	42.527	ng		97
37) 2-Methylnaphthalene	12.286	142	2051222	41.123	ng		98
38) 1-Methylnaphthalene	12.504	142	1961373	40.231	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	951893	39.480	ng		99
41) Hexachlorocyclopentadiene	12.633	237	950758	98.246	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	667319	40.350	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	736237	41.265	ng		97
46) 1,1'-Biphenyl	13.298	154	2655849	39.861	ng		98
47) 2-Chloronaphthalene	13.339	162	2007683	40.067	ng		97
48) 2-Nitroaniline	13.551	65	649957	42.850	ng		97
49) Acenaphthylene	14.186	152	3336802	42.513	ng		100
50) Dimethylphthalate	13.933	163	2511419	39.893	ng		99
51) 2,6-Dinitrotoluene	14.051	165	562020	42.648	ng		96
52) Acenaphthene	14.527	154	1882928	41.184	ng		100
53) 3-Nitroaniline	14.380	138	454596	32.143	ng		98
54) 2,4-Dinitrophenol	14.598	184	639417	77.298	ng		94
55) Dibenzofuran	14.863	168	2946163	40.221	ng		99
56) 4-Nitrophenol	14.710	139	925461	82.704	ng		92
57) 2,4-Dinitrotoluene	14.845	165	761700	45.516	ng		97
58) Fluorene	15.515	166	2378303	41.562	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	591311	41.674	ng		99
60) Diethylphthalate	15.292	149	2596070	42.138	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1125461	40.645	ng		99
62) 4-Nitroaniline	15.551	138	582329	42.545	ng		92
63) Azobenzene	15.798	77	2433927	41.710	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	396634	38.420	ng		88
66) n-Nitrosodiphenylamine	15.727	169	2106183	43.135	ng		100
67) 4-Bromophenyl-phenylether	16.398	248	693232	40.975	ng		100
68) Hexachlorobenzene	16.521	284	770265	41.644	ng		97
69) Atrazine	16.680	200	698613	47.131	ng		98
70) Pentachlorophenol	16.868	266	1003977	103.083	ng		99
71) Phenanthrene	17.251	178	3634312	41.763	ng		100
72) Anthracene	17.345	178	3653196	43.025	ng		99
73) Carbazole	17.615	167	3361617	40.831	ng		99
74) Di-n-butylphthalate	18.186	149	4291694	43.584	ng		99
75) Fluoranthene	19.274	202	3795217	41.999	ng		98
77) Benzidine	19.456	184	1938099	86.193	ng		100
78) Pyrene	19.633	202	3876795	45.155	ng		99
80) Butylbenzylphthalate	20.533	149	1736918	45.671	ng		100
81) Benzo(a)anthracene	21.380	228	3268534	42.893	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	947040	53.984	ng		99
83) Chrysene	21.433	228	3045629	41.378	ng		100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2466817	45.226	ng		99
85) Di-n-octyl phthalate	22.215	149	3818113	43.085	ng		100
87) Indeno(1,2,3-cd)pyrene	26.168	276	2894475	41.462	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	2934545	49.301	ng	#	97
89) Benzo(k)fluoranthene	23.080	252	2703561	44.865	ng	#	98
90) Benzo(a)pyrene	23.638	252	2637432	52.519	ng	#	97
91) Dibenzo(a,h)anthracene	26.180	278	2538584	43.957	ng	#	96
92) Benzo(g,h,i)perylene	26.909	276	2566131	44.670	ng		95

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

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