Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053212.D
Acq On : 20 Apr 2022 12:34
Operator : CG/JU
Sample : PB144216BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 14:41:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144216BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

04/22/2022
Supervised By :mohammad ahmed

04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	26921	20.000	ng	#	0.00
21) Naphthalene-d8	10.930	136	115584	20.000	ng		0.00
39) Acenaphthene-d10	14.736	164	88595	20.000	ng		-0.01
64) Phenanthrene-d10	17.486	188	221220	20.000	ng		0.00
76) Chrysene-d12	21.774	240	211403	20.000	ng		0.00
86) Perylene-d12	25.075	264	206426	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	206274	131.344	ng		0.00
7) Phenol-d6	7.276	99	303043	125.129	ng		0.00
23) Nitrobenzene-d5	9.273	82	212211	74.547	ng		-0.01
42) 2,4,6-Tribromophenol	16.229	330	164893	116.986	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	479374	74.610	ng		0.00
79) Terphenyl-d14	20.088	244	993161	79.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.557	88	23385	31.180	ng		95
3) Pyridine	3.957	79	52219	26.399	ng	#	91
4) n-Nitrosodimethylamine	3.869	42	40008	40.843	ng		89
6) Aniline	7.435	93	102183	36.406	ng		100
8) 2-Chlorophenol	7.681	128	80986	47.766	ng		92
9) Benzaldehyde	7.247	77	49763	34.375	ng		97
10) Phenol	7.305	94	112503	46.668	ng		93
11) bis(2-Chloroethyl)ether	7.523	93	76529	44.039	ng		94
12) 1,3-Dichlorobenzene	8.004	146	83491	42.378	ng		97
13) 1,4-Dichlorobenzene	8.151	146	86639	43.135	ng		97
14) 1,2-Dichlorobenzene	8.468	146	82349	42.516	ng		97
15) Benzyl Alcohol	8.345	79	92890	43.151	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.639	45	122437	42.201	ng		97
17) 2-Methylphenol	8.557	107	76025	46.603	ng		97
18) Hexachloroethane	9.203	117	31357	41.632	ng		96
19) n-Nitroso-di-n-propyla...	8.915	70	74902	42.245	ng	#	96
20) 3+4-Methylphenols	8.886	107	104758	45.490	ng		93
22) Acetophenone	8.933	105	133010	41.480	ng		98
24) Nitrobenzene	9.320	77	112059	40.471	ng		92
25) Isophorone	9.843	82	195805	40.468	ng	#	98
26) 2-Nitrophenol	10.037	139	46778	40.402	ng		95
27) 2,4-Dimethylphenol	10.090	122	79162	47.740	ng		89
28) bis(2-Chloroethoxy)met...	10.319	93	106424	39.151	ng		99
29) 2,4-Dichlorophenol	10.577	162	88003	42.216	ng		99
30) 1,2,4-Trichlorobenzene	10.789	180	93003	39.419	ng		95
31) Naphthalene	10.977	128	252318	40.917	ng		99
32) Benzoic acid	10.243	122	38089m	36.255	ng		
33) 4-Chloroaniline	11.083	127	70127	26.555	ng		99
34) Hexachlorobutadiene	11.265	225	65919	37.612	ng		93
35) Caprolactam	11.846	113	30601m	41.646	ng		
36) 4-Chloro-3-methylphenol	12.199	107	102553	42.257	ng		97
37) 2-Methylnaphthalene	12.575	142	192543	42.196	ng		95
38) 1-Methylnaphthalene	12.792	142	180146m	40.446	ng		
40) 1,2,4,5-Tetrachloroben...	12.945	216	121891	40.509	ng		99
41) Hexachlorocyclopentadiene	12.921	237	121384	78.146	ng		94
43) 2,4,6-Trichlorophenol	13.180	196	80523	38.814	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	91273	41.286	ng		98
46) 1,1'-Biphenyl	13.573	154	262497	41.143	ng		99
47) 2-Chloronaphthalene	13.620	162	200122	39.316	ng		94
48) 2-Nitroaniline	13.814	65	79425	41.117	ng		96
49) Acenaphthylene	14.460	152	331470	41.600	ng		97
50) Dimethylphthalate	14.184	163	290645	41.016	ng		98
51) 2,6-Dinitrotoluene	14.308	165	63432	42.909	ng		92
52) Acenaphthene	14.801	154	253367m	46.889	ng		
53) 3-Nitroaniline	14.637	138	49339	31.563	ng		92
54) 2,4-Dinitrophenol	14.848	184	79489	84.507	ng	#	88
55) Dibenzofuran	15.136	168	338410	39.996	ng		98
56) 4-Nitrophenol	14.954	139	107037	89.782	ng		84
57) 2,4-Dinitrotoluene	15.095	165	92773	44.080	ng		87
58) Fluorene	15.782	166	286385	41.907	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.365	232	87316	40.670	ng		98
60) Diethylphthalate	15.541	149	305375	41.131	ng		99
61) 4-Chlorophenyl-phenyle...	15.770	204	153579	39.645	ng		98
62) 4-Nitroaniline	15.800	138	71501	43.347	ng		85
63) Azobenzene	16.064	77	306947	41.005	ng		97
65) 4,6-Dinitro-2-methylph...	15.864	198	58235	37.732	ng		96
66) n-Nitrosodiphenylamine	15.988	169	257955	40.549	ng		98
67) 4-Bromophenyl-phenylether	16.663	248	111430	39.311	ng		96
68) Hexachlorobenzene	16.798	284	123799	40.329	ng		96
69) Atrazine	16.928	200	114420	46.045	ng		97
70) Pentachlorophenol	17.139	266	140855	83.958	ng		91
71) Phenanthrene	17.527	178	502488	41.585	ng		98
72) Anthracene	17.615	178	514102	42.946	ng		99
73) Carbazole	17.885	167	476446	40.944	ng		98
74) Di-n-butylphthalate	18.431	149	558301	42.304	ng		99
75) Fluoranthene	19.536	202	644546	41.613	ng		100
77) Benzidine	19.706	184	249463	41.359	ng		99
78) Pyrene	19.894	202	640034	42.510	ng		98
80) Butylbenzylphthalate	20.769	149	234783	41.827	ng		98
81) Benzo(a)anthracene	21.750	228	582540	40.302	ng		98
82) 3,3'-Dichlorobenzidine	21.656	252	146261	27.514	ng		98
83) Chrysene	21.821	228	555743	41.428	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	318146	41.931	ng		98
85) Di-n-octyl phthalate	22.878	149	533660	42.055	ng		97
87) Indeno(1,2,3-cd)pyrene	28.864	276	661042	43.103	ng	#	96
88) Benzo(b)fluoranthene	24.024	252	595049	45.688	ng		99
89) Benzo(k)fluoranthene	24.094	252	564893	44.131	ng		97
90) Benzo(a)pyrene	24.917	252	566797	51.083	ng		98
91) Dibenzo(a,h)anthracene	28.929	278	558421	44.240	ng		97
92) Benzo(g,h,i)perylene	30.051	276	549220	44.145	ng		98

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

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