Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
Data File : BG060839.D
Acq On : 9 Apr 2024 10:51
Operator : MA/JU
Sample : PB160074BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 09 23:38:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160074BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	47330	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	199433	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	160636	20.000	ng		-0.01
64) Phenanthrene-d10	17.327	188	426073	20.000	ng		-0.01
76) Chrysene-d12	21.587	240	421257	20.000	ng		-0.02
86) Perylene-d12	24.718	264	495123	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	391730	137.878	ng		0.00
7) Phenol-d6	7.115	99	551358	130.737	ng		0.00
23) Nitrobenzene-d5	9.101	82	347528	99.434	ng		-0.01
42) 2,4,6-Tribromophenol	16.070	330	329233	180.552	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	898074	82.051	ng		-0.02
79) Terphenyl-d14	19.953	244	1992457	83.284	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	42918	36.845	ng		92
3) Pyridine	3.837	79	116237	33.082	ng		93
4) n-Nitrosodimethylamine	3.755	42	97161	46.262	ng		96
6) Aniline	7.274	93	130161	24.440	ng		99
8) 2-Chlorophenol	7.515	128	153107	47.534	ng		95
9) Benzaldehyde	7.080	77	29395m	12.640	ng		
10) Phenol	7.139	94	204369	47.483	ng		95
11) bis(2-Chloroethyl)ether	7.368	93	139870	40.251	ng		98
12) 1,3-Dichlorobenzene	7.838	146	152589	45.555	ng		98
13) 1,4-Dichlorobenzene	7.985	146	156000	45.650	ng		94
14) 1,2-Dichlorobenzene	8.302	146	148736	44.413	ng		98
15) Benzyl Alcohol	8.185	79	148864	43.577	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.467	45	326653	41.653	ng		99
17) 2-Methylphenol	8.390	107	136046	41.871	ng		98
18) Hexachloroethane	9.031	117	54623	45.006	ng	#	83
19) n-Nitroso-di-n-propyla...	8.755	70	123351	38.354	ng	#	95
20) 3+4-Methylphenols	8.714	107	189476	42.585	ng		96
22) Acetophenone	8.766	105	236667	43.037	ng	#	96
24) Nitrobenzene	9.142	77	175141	45.191	ng		96
25) Isophorone	9.665	82	326609	40.572	ng		99
26) 2-Nitrophenol	9.853	139	74146	53.224	ng		92
27) 2,4-Dimethylphenol	9.918	122	115746	35.794	ng		96
28) bis(2-Chloroethoxy)met...	10.153	93	191188	40.228	ng		98
29) 2,4-Dichlorophenol	10.388	162	155030	52.208	ng		97
30) 1,2,4-Trichlorobenzene	10.611	180	160392	47.701	ng		96
31) Naphthalene	10.793	128	459188	42.564	ng		99
32) Benzoic acid	10.047	122	110176	50.752	ng		97
33) 4-Chloroaniline	10.899	127	82952	16.555	ng		99
34) Hexachlorobutadiene	11.087	225	108844	48.571	ng		97
35) Caprolactam	11.663	113	58290m	49.562	ng		
36) 4-Chloro-3-methylphenol	12.027	107	182081	47.999	ng		98
37) 2-Methylnaphthalene	12.403	142	328882	41.466	ng		100
38) 1-Methylnaphthalene	12.621	142	311770	41.610	ng		97
40) 1,2,4,5-Tetrachloroben...	12.774	216	212399	45.993	ng		99
41) Hexachlorocyclopentadiene	12.756	237	235078	100.110	ng		99
43) 2,4,6-Trichlorophenol	13.009	196	155524	52.301	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	175177	49.363	ng		96
46) 1,1'-Biphenyl	13.414	154	484586	42.709	ng		99
47) 2-Chloronaphthalene	13.455	162	382077	44.321	ng		99
48) 2-Nitroaniline	13.649	65	149335	52.566	ng		96
49) Acenaphthylene	14.301	152	663023	45.774	ng		99
50) Dimethylphthalate	14.037	163	560821	44.170	ng		99
51) 2,6-Dinitrotoluene	14.148	165	116159	50.872	ng		95
52) Acenaphthene	14.642	154	456408m	50.185	ng		
53) 3-Nitroaniline	14.477	138	78745	32.551	ng	#	97
54) 2,4-Dinitrophenol	14.683	184	150308	170.075	ng		92
55) Dibenzofuran	14.977	168	619706	43.200	ng		98
56) 4-Nitrophenol	14.789	139	226507	122.032	ng		96
57) 2,4-Dinitrotoluene	14.936	165	174909	57.845	ng		94
58) Fluorene	15.629	166	518542	45.040	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	173625	56.141	ng		95
60) Diethylphthalate	15.412	149	565290	44.253	ng		98
61) 4-Chlorophenyl-phenyle...	15.623	204	273238	44.860	ng		96
62) 4-Nitroaniline	15.641	138	131237	56.534	ng		95
63) Azobenzene	15.917	77	531150	42.671	ng		94
65) 4,6-Dinitro-2-methylph...	15.700	198	104775	57.889	ng		98
66) n-Nitrosodiphenylamine	15.841	169	501626	41.199	ng		97
67) 4-Bromophenyl-phenylether	16.522	248	196723	45.495	ng		96
68) Hexachlorobenzene	16.634	284	228883	46.889	ng		97
69) Atrazine	16.792	200	207102	48.641	ng		98
70) Pentachlorophenol	16.974	266	327859	102.936	ng		98
71) Phenanthrene	17.368	178	962091	43.417	ng		99
72) Anthracene	17.462	178	986356	43.830	ng		99
73) Carbazole	17.727	167	899937	45.356	ng		99
74) Di-n-butylphthalate	18.302	149	1051161	42.494	ng		99
75) Fluoranthene	19.383	202	1226182	45.602	ng		97
77) Benzidine	19.560	184	334211	30.129	ng		98
78) Pyrene	19.742	202	1279535	43.430	ng		99
80) Butylbenzylphthalate	20.647	149	470651	43.793	ng		97
81) Benzo(a)anthracene	21.569	228	1341299	45.170	ng		100
82) 3,3'-Dichlorobenzidine	21.487	252	324757	32.390	ng		98
83) Chrysene	21.634	228	1275222	44.556	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	700897	40.917	ng		97
85) Di-n-octyl phthalate	22.703	149	1203859	43.140	ng		100
87) Indeno(1,2,3-cd)pyrene	28.279	276	1640846	47.061	ng	#	96
88) Benzo(b)fluoranthene	23.731	252	1315199	46.237	ng		98
89) Benzo(k)fluoranthene	23.802	252	1321708	45.397	ng		98
90) Benzo(a)pyrene	24.577	252	1239871	44.853	ng		97
91) Dibenzo(a,h)anthracene	28.349	278	1339594	45.577	ng	#	96
92) Benzo(g,h,i)perylene	29.389	276	1255190	43.901	ng		96

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

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