Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
Data File : BG053531.D
Acq On : 12 May 2022 15:28
Operator : CG/JU
Sample : PB144706BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 13 06:36:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144706BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	23246	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	102412	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	85549	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	211918	20.000	ng		0.00
76) Chrysene-d12	21.740	240	205976	20.000	ng		0.00
86) Perylene-d12	25.018	264	215351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	189755	138.536	ng		0.00
7) Phenol-d6	7.248	99	280068	134.728	ng		0.00
23) Nitrobenzene-d5	9.251	82	194267	80.749	ng		0.00
42) 2,4,6-Tribromophenol	16.201	330	157567	124.880	ng		0.00
45) 2-Fluorobiphenyl	13.334	172	456616	77.996	ng		0.00
79) Terphenyl-d14	20.060	244	945253	85.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.524	88	25718	35.785	ng		93
3) Pyridine	3.929	79	53718	30.607	ng		98
4) n-Nitrosodimethylamine	3.841	42	34643	40.520	ng	#	99
6) Aniline	7.407	93	100934	43.839	ng		95
8) 2-Chlorophenol	7.653	128	68722	47.993	ng		95
9) Benzaldehyde	7.219	77	46967	35.565	ng		88
10) Phenol	7.277	94	97873	48.140	ng		97
11) bis(2-Chloroethyl)ether	7.495	93	66777	44.040	ng		97
12) 1,3-Dichlorobenzene	7.976	146	68834	40.748	ng		93
13) 1,4-Dichlorobenzene	8.123	146	70070	41.106	ng		100
14) 1,2-Dichlorobenzene	8.441	146	68160	42.581	ng		99
15) Benzyl Alcohol	8.323	79	80612m	46.384	ng		
16) 2,2'-oxybis(1-Chloropr...	8.611	45	105145	42.606	ng		97
17) 2-Methylphenol	8.529	107	67566	49.169	ng		95
18) Hexachloroethane	9.175	117	26374	40.743	ng		97
19) n-Nitroso-di-n-propyla...	8.887	70	65999	44.250	ng		98
20) 3+4-Methylphenols	8.858	107	91010	46.895	ng		97
22) Acetophenone	8.905	105	111390	39.741	ng	#	98
24) Nitrobenzene	9.292	77	98631	42.358	ng		98
25) Isophorone	9.809	82	184073	45.463	ng		98
26) 2-Nitrophenol	10.009	139	39662	42.055	ng		94
27) 2,4-Dimethylphenol	10.062	122	72415	51.022	ng		95
28) bis(2-Chloroethoxy)met...	10.291	93	96926	41.623	ng		98
29) 2,4-Dichlorophenol	10.549	162	78868	46.042	ng		96
30) 1,2,4-Trichlorobenzene	10.761	180	79618	40.909	ng		98
31) Naphthalene	10.949	128	215781	41.421	ng		98
32) Benzoic acid	10.238	122	31312m	37.540	ng		
33) 4-Chloroaniline	11.055	127	70444	32.289	ng		97
34) Hexachlorobutadiene	11.231	225	57543	39.872	ng		97
35) Caprolactam	11.818	113	28542m	45.851	ng		
36) 4-Chloro-3-methylphenol	12.177	107	92997	45.386	ng		98
37) 2-Methylnaphthalene	12.547	142	161524	41.548	ng		97
38) 1-Methylnaphthalene	12.764	142	156436	41.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.917	216	106927	39.652	ng		99
41) Hexachlorocyclopentadiene	12.893	237	100938	90.582	ng		97
43) 2,4,6-Trichlorophenol	13.152	196	72208	41.022	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	80193	42.806	ng		96
46) 1,1'-Biphenyl	13.545	154	228343	39.158	ng		99
47) 2-Chloronaphthalene	13.592	162	178631	39.099	ng		99
48) 2-Nitroaniline	13.792	65	75302	44.233	ng		98
49) Acenaphthylene	14.438	152	312678	42.889	ng		99
50) Dimethylphthalate	14.162	163	267448	41.140	ng		99
51) 2,6-Dinitrotoluene	14.280	165	57102	43.114	ng		97
52) Acenaphthene	14.773	154	175004	40.279	ng		99
53) 3-Nitroaniline	14.615	138	48975	34.223	ng		99
54) 2,4-Dinitrophenol	14.826	184	64666	77.158	ng		97
55) Dibenzofuran	15.108	168	307215	39.366	ng		98
56) 4-Nitrophenol	14.932	139	88278	86.367	ng		87
57) 2,4-Dinitrotoluene	15.073	165	83723	43.610	ng	#	85
58) Fluorene	15.760	166	257656	41.142	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.343	232	76487	40.240	ng		97
60) Diethylphthalate	15.519	149	282312	42.040	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	144071	41.227	ng		99
62) 4-Nitroaniline	15.778	138	61029	41.117	ng		97
63) Azobenzene	16.036	77	279152	40.595	ng		98
65) 4,6-Dinitro-2-methylph...	15.842	198	50904	40.312	ng		96
66) n-Nitrosodiphenylamine	15.960	169	232212	41.735	ng		99
67) 4-Bromophenyl-phenylether	16.641	248	103715	41.906	ng		98
68) Hexachlorobenzene	16.770	284	113294	41.798	ng		98
69) Atrazine	16.906	200	105414	45.004	ng		95
70) Pentachlorophenol	17.117	266	110519	75.962	ng		93
71) Phenanthrene	17.499	178	451071	41.860	ng		98
72) Anthracene	17.593	178	452331	42.707	ng		99
73) Carbazole	17.857	167	412917	39.779	ng		99
74) Di-n-butylphthalate	18.403	149	484084	41.465	ng		100
75) Fluoranthene	19.508	202	577150	41.366	ng		99
77) Benzidine	19.678	184	283279	63.808	ng		99
78) Pyrene	19.872	202	567023	42.525	ng		99
80) Butylbenzylphthalate	20.741	149	208667	42.677	ng		98
81) Benzo(a)anthracene	21.717	228	552313	42.041	ng		99
82) 3,3'-Dichlorobenzidine	21.623	252	152765	45.854	ng		98
83) Chrysene	21.787	228	505170	41.171	ng		97
84) Bis(2-ethylhexyl)phtha...	21.605	149	291354	43.173	ng		99
85) Di-n-octyl phthalate	22.833	149	499669	43.785	ng		99
87) Indeno(1,2,3-cd)pyrene	28.778	276	621704	41.450	ng	#	97
88) Benzo(b)fluoranthene	23.978	252	577264	45.286	ng		99
89) Benzo(k)fluoranthene	24.043	252	547876	43.739	ng		100
90) Benzo(a)pyrene	24.865	252	557470	51.382	ng		98
91) Dibenzo(a,h)anthracene	28.831	278	537865	43.521	ng		99
92) Benzo(g,h,i)perylene	29.958	276	538659	43.970	ng		97

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

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