Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053491.D
Acq On : 9 May 2022 13:45
Operator : CG/JU
Sample : PB144642BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 09 16:22:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144642BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	24687	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	104824	20.000	ng		-0.01
39) Acenaphthene-d10	14.717	164	85538	20.000	ng		0.00
64) Phenanthrene-d10	17.460	188	208068	20.000	ng		0.00
76) Chrysene-d12	21.742	240	207448	20.000	ng		0.00
86) Perylene-d12	25.014	264	216376	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	216174	148.611	ng		0.00
7) Phenol-d6	7.256	99	317238	143.701	ng		0.00
23) Nitrobenzene-d5	9.253	82	218691	88.809	ng		0.00
42) 2,4,6-Tribromophenol	16.203	330	164406	130.317	ng		0.00
45) 2-Fluorobiphenyl	13.336	172	492155	84.077	ng		0.00
79) Terphenyl-d14	20.062	244	1019560	91.536	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	26279	34.432	ng	#	84
3) Pyridine	3.931	79	68749m	36.884	ng		
4) n-Nitrosodimethylamine	3.849	42	45018m	49.581	ng		
6) Aniline	7.409	93	128575	52.585	ng		98
8) 2-Chlorophenol	7.656	128	82872	54.497	ng		98
9) Benzaldehyde	7.221	77	57640m	41.099	ng		
10) Phenol	7.280	94	116994	54.186	ng		96
11) bis(2-Chloroethyl)ether	7.503	93	74848	46.481	ng		96
12) 1,3-Dichlorobenzene	7.979	146	83450	46.517	ng		91
13) 1,4-Dichlorobenzene	8.125	146	84405	46.625	ng		97
14) 1,2-Dichlorobenzene	8.449	146	82961	48.802	ng		98
15) Benzyl Alcohol	8.325	79	96077m	52.056	ng		
16) 2,2'-oxybis(1-Chloropr...	8.607	45	127420	48.618	ng		97
17) 2-Methylphenol	8.531	107	76502	52.423	ng		98
18) Hexachloroethane	9.177	117	32205	46.847	ng		96
19) n-Nitroso-di-n-propyla...	8.895	70	75970	47.962	ng		98
20) 3+4-Methylphenols	8.866	107	106016	51.438	ng		98
22) Acetophenone	8.913	105	131198	45.731	ng	#	98
24) Nitrobenzene	9.294	77	117135	49.147	ng		98
25) Isophorone	9.817	82	210530	50.800	ng		99
26) 2-Nitrophenol	10.011	139	48002	49.727	ng		97
27) 2,4-Dimethylphenol	10.070	122	85216	58.659	ng		89
28) bis(2-Chloroethoxy)met...	10.293	93	111641	46.839	ng		98
29) 2,4-Dichlorophenol	10.552	162	91409	52.135	ng		95
30) 1,2,4-Trichlorobenzene	10.763	180	91692	46.028	ng		99
31) Naphthalene	10.951	128	252181	47.295	ng		99
32) Benzoic acid	10.246	122	36310m	41.402	ng		
33) 4-Chloroaniline	11.057	127	95381	42.713	ng		97
34) Hexachlorobutadiene	11.239	225	67147	45.456	ng		97
35) Caprolactam	11.826	113	32376m	50.814	ng		
36) 4-Chloro-3-methylphenol	12.179	107	107285	51.155	ng		96
37) 2-Methylnaphthalene	12.549	142	187135	47.028	ng		99
38) 1-Methylnaphthalene	12.766	142	181272m	46.691	ng		
40) 1,2,4,5-Tetrachloroben...	12.919	216	120308	44.620	ng	#	99
41) Hexachlorocyclopentadiene	12.895	237	120773	106.658	ng		98
43) 2,4,6-Trichlorophenol	13.154	196	83187	47.266	ng		98

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44) 2,4,5-Trichlorophenol	13.236	196	92712	49.495	ng		95
46) 1,1'-Biphenyl	13.548	154	262285	44.984	ng		99
47) 2-Chloronaphthalene	13.595	162	206316	45.164	ng		99
48) 2-Nitroaniline	13.794	65	86203	50.643	ng		97
49) Acenaphthylene	14.440	152	358075	49.122	ng		98
50) Dimethylphthalate	14.164	163	297003	45.692	ng		97
51) 2,6-Dinitrotoluene	14.282	165	64991	49.077	ng		97
52) Acenaphthene	14.781	154	202597	46.636	ng		98
53) 3-Nitroaniline	14.617	138	57956	40.504	ng		92
54) 2,4-Dinitrophenol	14.834	184	72446	85.700	ng		91
55) Dibenzofuran	15.116	168	350530	44.922	ng		99
56) 4-Nitrophenol	14.934	139	99042	96.910	ng		89
57) 2,4-Dinitrotoluene	15.075	165	95622	49.815	ng		90
58) Fluorene	15.762	166	287298	45.881	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.345	232	88448	46.539	ng		95
60) Diethylphthalate	15.521	149	310582	46.256	ng		98
61) 4-Chlorophenyl-phenyle...	15.745	204	161875	46.327	ng		99
62) 4-Nitroaniline	15.786	138	69627	46.915	ng		100
63) Azobenzene	16.038	77	318410	46.310	ng		99
65) 4,6-Dinitro-2-methylph...	15.844	198	55455	44.728	ng		98
66) n-Nitrosodiphenylamine	15.962	169	260915	47.761	ng		99
67) 4-Bromophenyl-phenylether	16.643	248	115741	47.630	ng		95
68) Hexachlorobenzene	16.773	284	125522	47.166	ng		98
69) Atrazine	16.908	200	113238	49.239	ng		99
70) Pentachlorophenol	17.119	266	125932	87.411	ng		93
71) Phenanthrene	17.501	178	503929	47.631	ng		97
72) Anthracene	17.595	178	504941	48.556	ng		98
73) Carbazole	17.859	167	459492	45.085	ng		100
74) Di-n-butylphthalate	18.406	149	530788	46.307	ng		100
75) Fluoranthene	19.510	202	649317	47.399	ng		99
77) Benzidine	19.680	184	417773	93.435	ng		98
78) Pyrene	19.874	202	643045	47.884	ng		99
80) Butylbenzylphthalate	20.744	149	237010	48.130	ng		98
81) Benzo(a)anthracene	21.719	228	641765	48.503	ng		98
82) 3,3'-Dichlorobenzidine	21.631	252	193946	57.802	ng		95
83) Chrysene	21.789	228	580009	46.935	ng		97
84) Bis(2-ethylhexyl)phtha...	21.607	149	332409	48.907	ng		98
85) Di-n-octyl phthalate	22.835	149	572761	49.834	ng		99
87) Indeno(1,2,3-cd)pyrene	28.786	276	730220	48.455	ng	#	98
88) Benzo(b)fluoranthene	23.980	252	688777	53.779	ng		100
89) Benzo(k)fluoranthene	24.051	252	627415	49.852	ng		98
90) Benzo(a)pyrene	24.873	252	650866	59.706	ng		99
91) Dibenzo(a,h)anthracene	28.839	278	633851	51.044	ng		99
92) Benzo(g,h,i)perylene	29.966	276	634125	51.517	ng		97

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

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