Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
Data File : BG057082.D
Acq On : 13 Apr 2023 14:52
Operator : CG/JU
Sample : PB152099BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 13 15:48:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152099BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.403	152	18806	20.000	ng		0.00
21) Naphthalene-d8	11.246	136	77073	20.000	ng	#	0.00
39) Acenaphthene-d10	15.023	164	55460	20.000	ng		0.00
64) Phenanthrene-d10	17.760	188	139602	20.000	ng	#	0.00
76) Chrysene-d12	22.078	240	127705	20.000	ng	#	0.00
86) Perylene-d12	25.615	264	135997	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.918	112	139523	118.738	ng		0.00
7) Phenol-d6	7.545	99	194295	110.556	ng		0.00
23) Nitrobenzene-d5	9.583	82	121741	64.632	ng		0.00
42) 2,4,6-Tribromophenol	16.503	330	94768	106.963	ng		0.00
45) 2-Fluorobiphenyl	13.648	172	277388	67.822	ng		0.00
79) Terphenyl-d14	20.328	244	517941	68.630	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.715	88	15572	30.231	ng		96
3) Pyridine	4.138	79	44454	26.795	ng		97
4) n-Nitrosodimethylamine	4.044	42	27081	35.503	ng		94
6) Aniline	7.715	93	77478	34.485	ng		98
8) 2-Chlorophenol	7.968	128	54907	46.913	ng		97
9) Benzaldehyde	7.527	77	40306	36.565	ng		92
10) Phenol	7.568	94	80291	46.108	ng		99
11) bis(2-Chloroethyl)ether	7.803	93	54252	43.737	ng		99
12) 1,3-Dichlorobenzene	8.297	146	56232	43.481	ng		99
13) 1,4-Dichlorobenzene	8.444	146	57470	44.030	ng		96
14) 1,2-Dichlorobenzene	8.767	146	56728	44.986	ng		96
15) Benzyl Alcohol	8.638	79	61957	42.428	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.925	45	71275m	47.678	ng		
17) 2-Methylphenol	8.843	107	55357	44.558	ng		89
18) Hexachloroethane	9.507	117	21078	44.183	ng		90
19) n-Nitroso-di-n-propyla...	9.213	70	49656	39.502	ng	#	93
20) 3+4-Methylphenols	9.166	107	72992	42.016	ng		94
22) Acetophenone	9.237	105	90399	39.417	ng	#	96
24) Nitrobenzene	9.630	77	75640	39.277	ng		98
25) Isophorone	10.147	82	133602	37.247	ng		100
26) 2-Nitrophenol	10.347	139	32254	43.391	ng		95
27) 2,4-Dimethylphenol	10.388	122	56152	42.785	ng		99
28) bis(2-Chloroethoxy)met...	10.623	93	71992	40.090	ng		96
29) 2,4-Dichlorophenol	10.887	162	58793	41.654	ng		94
30) 1,2,4-Trichlorobenzene	11.105	180	61075	40.725	ng		95
31) Naphthalene	11.299	128	170227	40.521	ng		99
32) Benzoic acid	10.529	122	36398m	40.374	ng		
33) 4-Chloroaniline	11.398	127	46966	24.753	ng		97
34) Hexachlorobutadiene	11.569	225	44298	39.322	ng		99
35) Caprolactam	12.168	113	18769m	38.559	ng		
36) 4-Chloro-3-methylphenol	12.485	107	62852	39.819	ng		94
37) 2-Methylnaphthalene	12.873	142	124198	37.250	ng		97
38) 1-Methylnaphthalene	13.090	142	116860	37.326	ng		100
40) 1,2,4,5-Tetrachloroben...	13.237	216	81171	42.206	ng	#	98
41) Hexachlorocyclopentadiene	13.208	237	120902	114.098	ng		95
43) 2,4,6-Trichlorophenol	13.466	196	53035	43.214	ng		96

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44) 2,4,5-Trichlorophenol	13.537	196	57670	39.666	ng		97
46) 1,1'-Biphenyl	13.860	154	177748	43.782	ng		98
47) 2-Chloronaphthalene	13.907	162	134801	44.894	ng		99
48) 2-Nitroaniline	14.107	65	45365	42.253	ng		98
49) Acenaphthylene	14.747	152	209749	42.516	ng		99
50) Dimethylphthalate	14.459	163	179514	41.080	ng		100
51) 2,6-Dinitrotoluene	14.582	165	39734	42.085	ng		97
52) Acenaphthene	15.088	154	165412m	48.616	ng		
53) 3-Nitroaniline	14.917	138	28065	30.031	ng		91
54) 2,4-Dinitrophenol	15.123	184	53276	100.251	ng		94
55) Dibenzofuran	15.417	168	213752	41.857	ng		99
56) 4-Nitrophenol	15.217	139	64891	93.901	ng		90
57) 2,4-Dinitrotoluene	15.370	165	57153	42.920	ng	#	97
58) Fluorene	16.063	166	176820	41.844	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.634	232	55858	42.196	ng	#	98
60) Diethylphthalate	15.804	149	186272	42.521	ng		99
61) 4-Chlorophenyl-phenyle...	16.039	204	103067	41.542	ng		97
62) 4-Nitroaniline	16.075	138	42824	44.228	ng		87
63) Azobenzene	16.333	77	183664	42.069	ng		97
65) 4,6-Dinitro-2-methylph...	16.133	198	37727	44.622	ng		97
66) n-Nitrosodiphenylamine	16.257	169	153181	40.875	ng		100
67) 4-Bromophenyl-phenylether	16.932	248	69099	40.004	ng		97
68) Hexachlorobenzene	17.067	284	75782	44.376	ng		96
69) Atrazine	17.185	200	68384	43.960	ng		94
70) Pentachlorophenol	17.408	266	89941	73.412	ng		93
71) Phenanthrene	17.802	178	295601	41.531	ng		98
72) Anthracene	17.896	178	298993	40.978	ng		98
73) Carbazole	18.160	167	267150	41.994	ng		96
74) Di-n-butylphthalate	18.677	149	317752	43.134	ng		99
75) Fluoranthene	19.787	202	360260	39.929	ng		99
77) Benzidine	19.952	184	177020	50.713	ng		97
78) Pyrene	20.151	202	363383	41.141	ng		98
80) Butylbenzylphthalate	21.009	149	135580	44.606	ng		92
81) Benzo(a)anthracene	22.055	228	365382	41.346	ng		99
82) 3,3'-Dichlorobenzidine	21.955	252	93488	31.328	ng		93
83) Chrysene	22.131	228	330327	39.922	ng		100
84) Bis(2-ethylhexyl)phtha...	21.908	149	196486	44.643	ng		97
85) Di-n-octyl phthalate	23.218	149	325760	43.921	ng		100
87) Indeno(1,2,3-cd)pyrene	29.703	276	430797	42.862	ng	#	98
88) Benzo(b)fluoranthene	24.481	252	378519	44.509	ng		98
89) Benzo(k)fluoranthene	24.557	252	358525m	42.229	ng		
90) Benzo(a)pyrene	25.450	252	327124	39.144	ng	#	97
91) Dibenzo(a,h)anthracene	29.779	278	353576	42.797	ng		98
92) Benzo(g,h,i)perylene	30.995	276	340181	42.051	ng		97

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

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