Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
Data File : BG057555.D
Acq On : 25 May 2023 12:51
Operator : CG/JU
Sample : PB152903BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 13:42:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 10:58:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152903BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.355	152	16933	20.000	ng		-0.01
21) Naphthalene-d8	11.198	136	71252	20.000	ng		0.00
39) Acenaphthene-d10	14.976	164	59602	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	158839	20.000	ng		-0.01
76) Chrysene-d12	22.025	240	133295	20.000	ng		-0.01
86) Perylene-d12	25.526	264	146342	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	145808	147.299	ng		0.00
7) Phenol-d6	7.503	99	217472	144.675	ng		0.00
23) Nitrobenzene-d5	9.536	82	132383	77.980	ng		-0.01
42) 2,4,6-Tribromophenol	16.462	330	124109	146.755	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	356214	80.492	ng		0.00
79) Terphenyl-d14	20.280	244	726744	88.975	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.661	88	14307	34.956	ng		100
3) Pyridine	4.084	79	41590	31.619	ng		97
4) n-Nitrosodimethylamine	3.996	42	22283	36.050	ng		93
6) Aniline	7.668	93	59057	30.970	ng		93
8) 2-Chlorophenol	7.920	128	55185	52.759	ng		99
9) Benzaldehyde	7.480	77	23583	27.381	ng		95
10) Phenol	7.533	94	76455	52.176	ng		97
11) bis(2-Chloroethyl)ether	7.756	93	49150	44.482	ng		99
12) 1,3-Dichlorobenzene	8.243	146	54779	47.451	ng		94
13) 1,4-Dichlorobenzene	8.390	146	55576	47.927	ng		98
14) 1,2-Dichlorobenzene	8.719	146	54499	48.684	ng		95
15) Benzyl Alcohol	8.596	79	60862	48.602	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.878	45	60519	43.455	ng		99
17) 2-Methylphenol	8.802	107	52581	49.779	ng		96
18) Hexachloroethane	9.454	117	20720	49.513	ng		91
19) n-Nitroso-di-n-propyla...	9.160	70	47499	41.441	ng		98
20) 3+4-Methylphenols	9.130	107	73322	50.695	ng		95
22) Acetophenone	9.189	105	87784	43.045	ng	#	94
24) Nitrobenzene	9.583	77	69899	40.794	ng		93
25) Isophorone	10.100	82	131663	39.996	ng		99
26) 2-Nitrophenol	10.300	139	31391	47.861	ng		92
27) 2,4-Dimethylphenol	10.341	122	59527	51.832	ng		99
28) bis(2-Chloroethoxy)met...	10.570	93	71860	43.573	ng		98
29) 2,4-Dichlorophenol	10.846	162	62674	51.453	ng		98
30) 1,2,4-Trichlorobenzene	11.051	180	62370	44.393	ng		98
31) Naphthalene	11.245	128	168617	44.266	ng		98
32) Benzoic acid	10.499	122	27536m	42.210	ng		
33) 4-Chloroaniline	11.357	127	58485	34.189	ng		97
34) Hexachlorobutadiene	11.515	225	43799	42.014	ng		97
35) Caprolactam	12.126	113	23271m	55.928	ng		
36) 4-Chloro-3-methylphenol	12.455	107	73570	53.148	ng		99
37) 2-Methylnaphthalene	12.825	142	131725	43.982	ng		95
38) 1-Methylnaphthalene	13.043	142	124223	44.005	ng		100
40) 1,2,4,5-Tetrachloroben...	13.190	216	90288	42.671	ng		98
41) Hexachlorocyclopentadiene	13.154	237	59440	60.139	ng		97
43) 2,4,6-Trichlorophenol	13.425	196	59524	46.175	ng		99

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44) 2,4,5-Trichlorophenol	13.507	196	66543	43.884	ng		98
46) 1,1'-Biphenyl	13.812	154	191478	43.294	ng		100
47) 2-Chloronaphthalene	13.865	162	147631	44.889	ng		100
48) 2-Nitroaniline	14.065	65	50058	44.764	ng		90
49) Acenaphthylene	14.705	152	242264	45.342	ng		98
50) Dimethylphthalate	14.412	163	212814	43.451	ng		99
51) 2,6-Dinitrotoluene	14.547	165	48770	48.770	ng		84
52) Acenaphthene	15.040	154	147090	44.055	ng		98
53) 3-Nitroaniline	14.882	138	35530	35.465	ng		88
54) 2,4-Dinitrophenol	15.099	184	52392	84.317	ng		93
55) Dibenzofuran	15.369	168	250951	44.735	ng		99
56) 4-Nitrophenol	15.193	139	65003	97.556	ng		88
57) 2,4-Dinitrotoluene	15.334	165	69985	48.969	ng		93
58) Fluorene	16.015	166	211355	45.740	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	63090	45.892	ng		97
60) Diethylphthalate	15.757	149	221061	44.444	ng		98
61) 4-Chlorophenyl-phenyle...	15.992	204	121072	43.494	ng		97
62) 4-Nitroaniline	16.045	138	47748	47.244	ng		88
63) Azobenzene	16.286	77	201174	41.919	ng		96
65) 4,6-Dinitro-2-methylph...	16.103	198	44407	46.827	ng		97
66) n-Nitrosodiphenylamine	16.209	169	188452	43.683	ng		98
67) 4-Bromophenyl-phenylether	16.885	248	84113	43.379	ng		97
68) Hexachlorobenzene	17.026	284	89456	47.474	ng		92
69) Atrazine	17.143	200	87007	52.870	ng		99
70) Pentachlorophenol	17.372	266	77860	71.698	ng		95
71) Phenanthrene	17.760	178	366253	44.999	ng		99
72) Anthracene	17.848	178	371500	44.483	ng		98
73) Carbazole	18.118	167	331313	47.123	ng		99
74) Di-n-butylphthalate	18.629	149	377096	46.616	ng		99
75) Fluoranthene	19.746	202	440244	43.489	ng		99
77) Benzidine	19.916	184	159005	53.357	ng		99
78) Pyrene	20.110	202	446327	46.080	ng		100
80) Butylbenzylphthalate	20.956	149	155569	50.619	ng		98
81) Benzo(a)anthracene	22.007	228	422488	44.487	ng		100
82) 3,3'-Dichlorobenzidine	21.901	252	105652	34.733	ng		99
83) Chrysene	22.078	228	387035	43.315	ng		99
84) Bis(2-ethylhexyl)phtha...	21.843	149	217662	47.868	ng		100
85) Di-n-octyl phthalate	23.135	149	366874	48.396	ng		97
87) Indeno(1,2,3-cd)pyrene	29.591	276	470271	44.092	ng	#	95
88) Benzo(b)fluoranthene	24.410	252	429447	44.892	ng		99
89) Benzo(k)fluoranthene	24.480	252	415842	42.778	ng		99
90) Benzo(a)pyrene	25.367	252	374388	40.059	ng		98
91) Dibenzo(a,h)anthracene	29.650	278	395310	44.506	ng		99
92) Benzo(g,h,i)perylene	30.878	276	382767	44.134	ng		98

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

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