Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052433.D
Acq On : 21 Feb 2022 12:06
Operator : CG/JU
Sample : PB142772BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 13:57:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB142772BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/22/2022
Supervised By :Jagrut Upadhyay
02/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	28191	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	116521	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	85813	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	215102	20.000	ng		0.00
76) Chrysene-d12	21.934	240	217346	20.000	ng		0.00
86) Perylene-d12	25.400	264	228547	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	243333	150.437	ng		0.00
7) Phenol-d6	7.371	99	337703	135.312	ng		0.00
23) Nitrobenzene-d5	9.398	82	230474	85.964	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	171925	139.454	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	539385	87.340	ng		0.00
79) Terphenyl-d14	20.213	244	1093074	88.809	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	27626	37.092	ng		96
3) Pyridine	3.987	79	70373	32.578	ng		91
4) n-Nitrosodimethylamine	3.893	42	47720	42.783	ng	#	80
6) Aniline	7.530	93	88555	30.541	ng		99
8) 2-Chlorophenol	7.782	128	90838	51.050	ng		96
9) Benzaldehyde	7.342	77	62105	45.675	ng		95
10) Phenol	7.401	94	126095	50.850	ng		96
11) bis(2-Chloroethyl)ether	7.624	93	85395	45.053	ng		92
12) 1,3-Dichlorobenzene	8.111	146	94438	46.581	ng		94
13) 1,4-Dichlorobenzene	8.258	146	95839	46.371	ng		96
14) 1,2-Dichlorobenzene	8.581	146	94962	46.588	ng		94
15) Benzyl Alcohol	8.458	79	96219	46.453	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.746	45	121487	44.386	ng		97
17) 2-Methylphenol	8.664	107	80628	49.274	ng		94
18) Hexachloroethane	9.321	117	33142	46.117	ng		94
19) n-Nitroso-di-n-propyla...	9.028	70	80412	42.738	ng	#	94
20) 3+4-Methylphenols	8.992	107	112019	47.850	ng		91
22) Acetophenone	9.051	105	140968	45.775	ng	#	94
24) Nitrobenzene	9.439	77	120335	47.317	ng		94
25) Isophorone	9.962	82	214433	47.006	ng		97
26) 2-Nitrophenol	10.161	139	50664	47.001	ng		91
27) 2,4-Dimethylphenol	10.214	122	92483	57.948	ng		89
28) bis(2-Chloroethoxy)met...	10.443	93	117633	45.438	ng		99
29) 2,4-Dichlorophenol	10.702	162	96202	50.289	ng		97
30) 1,2,4-Trichlorobenzene	10.919	180	101841	45.591	ng		98
31) Naphthalene	11.113	128	285826	46.791	ng		97
32) Benzoic acid	10.361	122	34090	34.898	ng		98
33) 4-Chloroaniline	11.213	127	48586	19.051	ng		96
34) Hexachlorobutadiene	11.401	225	67728	44.894	ng		97
35) Caprolactam	11.977	113	33958m	48.710	ng		
36) 4-Chloro-3-methylphenol	12.329	107	108261	49.744	ng		97
37) 2-Methylnaphthalene	12.705	142	214165	47.203	ng		98
38) 1-Methylnaphthalene	12.922	142	202579m	46.078	ng		
40) 1,2,4,5-Tetrachloroben...	13.075	216	129840	46.001	ng		99
41) Hexachlorocyclopentadiene	13.052	237	144506	104.560	ng		98
43) 2,4,6-Trichlorophenol	13.304	196	86077	46.630	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.381	196	93311	46.645	ng		90
46) 1,1'-Biphenyl	13.704	154	293218	46.598	ng		99
47) 2-Chloronaphthalene	13.751	162	226814	46.786	ng		99
48) 2-Nitroaniline	13.945	65	83414	48.329	ng		95
49) Acenaphthylene	14.591	152	383516	48.597	ng		98
50) Dimethylphthalate	14.309	163	305771	46.514	ng		99
51) 2,6-Dinitrotoluene	14.432	165	70890	49.973	ng	#	88
52) Acenaphthene	14.931	154	270659m	52.368	ng		
53) 3-Nitroaniline	14.761	138	38631	26.199	ng		96
54) 2,4-Dinitrophenol	14.973	184	74806	84.838	ng		96
55) Dibenzofuran	15.266	168	368405	45.326	ng		99
56) 4-Nitrophenol	15.072	139	112772	101.842	ng		87
57) 2,4-Dinitrotoluene	15.219	165	104436	51.726	ng	#	87
58) Fluorene	15.913	166	317510	48.934	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.490	232	88861	46.499	ng		99
60) Diethylphthalate	15.666	149	319999	48.188	ng		95
61) 4-Chlorophenyl-phenyle...	15.895	204	169473	45.852	ng		95
62) 4-Nitroaniline	15.924	138	75072	48.362	ng	#	86
63) Azobenzene	16.189	77	322865	47.493	ng		95
65) 4,6-Dinitro-2-methylph...	15.989	198	56916	43.985	ng		89
66) n-Nitrosodiphenylamine	16.112	169	284902	48.072	ng		98
67) 4-Bromophenyl-phenylether	16.794	248	122984	47.015	ng		96
68) Hexachlorobenzene	16.929	284	132789	46.803	ng	#	90
69) Atrazine	17.052	200	121427	50.677	ng		92
70) Pentachlorophenol	17.270	266	130537	94.046	ng		97
71) Phenanthrene	17.657	178	532324	48.006	ng		97
72) Anthracene	17.751	178	540118	49.706	ng		99
73) Carbazole	18.016	167	504697	47.622	ng		98
74) Di-n-butylphthalate	18.556	149	584545	50.624	ng		99
75) Fluoranthene	19.660	202	696153	49.304	ng		99
77) Benzidine	19.831	184	201432	43.373	ng		98
78) Pyrene	20.025	202	696732	47.907	ng		99
80) Butylbenzylphthalate	20.888	149	253328	50.146	ng		97
81) Benzo(a)anthracene	21.910	228	692234	48.130	ng		100
82) 3,3'-Dichlorobenzidine	21.810	252	138851	27.654	ng		100
83) Chrysene	21.981	228	643696	47.229	ng		99
84) Bis(2-ethylhexyl)phtha...	21.787	149	359174	51.274	ng		99
85) Di-n-octyl phthalate	23.079	149	610306	51.965	ng		95
87) Indeno(1,2,3-cd)pyrene	29.400	276	804329	48.093	ng		99
88) Benzo(b)fluoranthene	24.289	252	733967	51.535	ng		99
89) Benzo(k)fluoranthene	24.366	252	678888	48.253	ng		97
90) Benzo(a)pyrene	25.235	252	702648	58.404	ng		98
91) Dibenzo(a,h)anthracene	29.471	278	690509	49.979	ng		98
92) Benzo(g,h,i)perylene	30.651	276	680241	50.170	ng		95

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

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