Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
Data File : BG052496.D
Acq On : 28 Feb 2022 11:36
Operator : CG/JU
Sample : PB142946BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 01 00:59:00 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 :
PB142946BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	29915	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	127509	20.000	ng	#	0.00
39) Acenaphthene-d10	14.866	164	95706	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	240123	20.000	ng		0.00
76) Chrysene-d12	21.933	240	234842	20.000	ng	#	0.00
86) Perylene-d12	25.393	264	248971	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	265103	154.450	ng		0.00
7) Phenol-d6	7.371	99	366838	138.515	ng		0.00
23) Nitrobenzene-d5	9.397	82	242911	82.796	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	187024	136.020	ng		0.00
45) 2-Fluorobiphenyl	13.486	172	580898	84.339	ng		0.00
79) Terphenyl-d14	20.212	244	1160937	87.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	29024	36.723	ng		93
3) Pyridine	3.987	79	72716	31.723	ng		96
4) n-Nitrosodimethylamine	3.893	42	48566	41.032	ng	#	75
6) Aniline	7.529	93	125250	40.707	ng		97
8) 2-Chlorophenol	7.782	128	97353	51.558	ng		92
9) Benzaldehyde	7.341	77	60275	39.914	ng		93
10) Phenol	7.394	94	132955	50.527	ng		96
11) bis(2-Chloroethyl)ether	7.623	93	87190	43.349	ng		92
12) 1,3-Dichlorobenzene	8.111	146	100058	46.509	ng		94
13) 1,4-Dichlorobenzene	8.258	146	103593	47.234	ng		95
14) 1,2-Dichlorobenzene	8.581	146	98235	45.417	ng		94
15) Benzyl Alcohol	8.452	79	99031	45.055	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.745	45	124013	42.698	ng		96
17) 2-Methylphenol	8.663	107	87790	50.559	ng		94
18) Hexachloroethane	9.321	117	35104	46.032	ng		97
19) n-Nitroso-di-n-propyla...	9.027	70	82393	41.267	ng		88
20) 3+4-Methylphenols	8.992	107	119448	48.083	ng		94
22) Acetophenone	9.045	105	148443	44.049	ng		93
24) Nitrobenzene	9.438	77	123541	44.392	ng		93
25) Isophorone	9.961	82	224173	44.907	ng		97
26) 2-Nitrophenol	10.161	139	53553	45.400	ng		88
27) 2,4-Dimethylphenol	10.208	122	97286	55.704	ng		92
28) bis(2-Chloroethoxy)met...	10.437	93	124972	44.112	ng		97
29) 2,4-Dichlorophenol	10.701	162	100555	48.035	ng		97
30) 1,2,4-Trichlorobenzene	10.919	180	108668	44.455	ng		98
31) Naphthalene	11.107	128	303363	45.382	ng		96
32) Benzoic acid	10.367	122	31983	30.773	ng		91
33) 4-Chloroaniline	11.213	127	77270	27.687	ng		96
34) Hexachlorobutadiene	11.395	225	70199	42.522	ng		98
35) Caprolactam	11.976	113	36663m	48.058	ng		
36) 4-Chloro-3-methylphenol	12.323	107	114284	47.987	ng		94
37) 2-Methylnaphthalene	12.705	142	226016	45.522	ng		100
38) 1-Methylnaphthalene	12.922	142	213323	44.340	ng	#	92
40) 1,2,4,5-Tetrachloroben...	13.075	216	134945	42.868	ng		99
41) Hexachlorocyclopentadiene	13.051	237	150607	98.054	ng		98
43) 2,4,6-Trichlorophenol	13.304	196	90159	43.792	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.380	196	97445	43.676	ng		97
46)	1,1'-Biphenyl	13.697	154	310847	44.293	ng		99
47)	2-Chloronaphthalene	13.750	162	233563	43.198	ng		96
48)	2-Nitroaniline	13.944	65	86542	44.958	ng		93
49)	Acenaphthylene	14.590	152	407920	46.347	ng		99
50)	Dimethylphthalate	14.308	163	324080	44.203	ng		100
51)	2,6-Dinitrotoluene	14.432	165	74877	47.327	ng	#	81
52)	Acenaphthene	14.931	154	282035m	48.929	ng		
53)	3-Nitroaniline	14.761	138	51889	31.553	ng		93
54)	2,4-Dinitrophenol	14.972	184	80697	82.219	ng		97
55)	Dibenzofuran	15.266	168	385696	42.548	ng		99
56)	4-Nitrophenol	15.078	139	116374	94.232	ng	#	84
57)	2,4-Dinitrotoluene	15.219	165	109065	48.435	ng	#	88
58)	Fluorene	15.912	166	329681	45.557	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.489	232	93773	43.997	ng	#	95
60)	Diethylphthalate	15.665	149	339131	45.790	ng		97
61)	4-Chlorophenyl-phenyle...	15.894	204	179399	43.520	ng		96
62)	4-Nitroaniline	15.924	138	79489	45.914	ng	#	85
63)	Azobenzene	16.188	77	327051	43.136	ng		94
65)	4,6-Dinitro-2-methylph...	15.988	198	62049	42.955	ng		91
66)	n-Nitrosodiphenylamine	16.112	169	299630	45.289	ng		97
67)	4-Bromophenyl-phenylether	16.793	248	125601	43.012	ng		95
68)	Hexachlorobenzene	16.922	284	140022	44.210	ng		95
69)	Atrazine	17.052	200	128605	48.080	ng		96
70)	Pentachlorophenol	17.269	266	138165	89.169	ng		97
71)	Phenanthrene	17.657	178	551988	44.592	ng		98
72)	Anthracene	17.751	178	564491	46.536	ng		100
73)	Carbazole	18.015	167	521148	44.051	ng		98
74)	Di-n-butylphthalate	18.556	149	601510	46.665	ng		99
75)	Fluoranthene	19.660	202	717041	45.492	ng		98
77)	Benzidine	19.830	184	288354	57.463	ng		99
78)	Pyrene	20.024	202	714391	45.462	ng		99
80)	Butylbenzylphthalate	20.894	149	256765	47.040	ng		92
81)	Benzo(a)anthracene	21.910	228	696327	44.807	ng		99
82)	3,3'-Dichlorobenzidine	21.810	252	175439	32.338	ng		97
83)	Chrysene	21.980	228	652662	44.320	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.786	149	367217	48.517	ng		99
85)	Di-n-octyl phthalate	23.079	149	618394	48.731	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.400	276	818862	44.945	ng		99
88)	Benzo(b)fluoranthene	24.289	252	755554	48.699	ng		99
89)	Benzo(k)fluoranthene	24.365	252	699786	45.659	ng		99
90)	Benzo(a)pyrene	25.235	252	715792	54.616	ng	#	99
91)	Dibenzo(a,h)anthracene	29.470	278	702885	46.702	ng		97
92)	Benzo(g,h,i)perylene	30.657	276	688786	46.632	ng		97

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

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