Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
Data File : BG053362.D
Acq On : 28 Apr 2022 12:06
Operator : CG/JU
Sample : PB144408BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 29 03:21:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144408BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	30608	20.000	ng		-0.01
21) Naphthalene-d8	10.914	136	133587	20.000	ng		# 0.00
39) Acenaphthene-d10	14.726	164	99548	20.000	ng		0.00
64) Phenanthrene-d10	17.475	188	244167	20.000	ng		0.00
76) Chrysene-d12	21.764	240	252064	20.000	ng		0.00
86) Perylene-d12	25.053	264	250908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.668	112	254920	142.766	ng		0.00
7) Phenol-d6	7.266	99	368032	133.658	ng		0.00
23) Nitrobenzene-d5	9.269	82	252405	76.718	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	184364	116.408	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	563900	78.109	ng		0.00
79) Terphenyl-d14	20.078	244	1131344	75.803	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	25724	30.167	ng		96
3) Pyridine	3.947	79	62464	27.774	ng	#	84
4) n-Nitrosodimethylamine	3.858	42	46285	41.559	ng		92
6) Aniline	7.424	93	119608	37.481	ng		95
8) 2-Chlorophenol	7.671	128	94166	48.849	ng		93
9) Benzaldehyde	7.236	77	48131m	29.242	ng		
10) Phenol	7.295	94	130334	47.552	ng		89
11) bis(2-Chloroethyl)ether	7.512	93	87440	44.256	ng		93
12) 1,3-Dichlorobenzene	7.994	146	90412	40.363	ng		95
13) 1,4-Dichlorobenzene	8.135	146	92129	40.343	ng		98
14) 1,2-Dichlorobenzene	8.458	146	92253	41.892	ng		98
15) Benzyl Alcohol	8.335	79	105660m	43.171	ng		
16) 2,2'-oxybis(1-Chloropr...	8.628	45	142009	43.051	ng		100
17) 2-Methylphenol	8.546	107	89232	48.110	ng		95
18) Hexachloroethane	9.192	117	35878	41.896	ng		99
19) n-Nitroso-di-n-propyla...	8.905	70	84395	41.865	ng	#	96
20) 3+4-Methylphenols	8.869	107	121194	46.287	ng		96
22) Acetophenone	8.922	105	145344	39.218	ng		96
24) Nitrobenzene	9.310	77	129782	40.555	ng		91
25) Isophorone	9.833	82	236698	42.327	ng		97
26) 2-Nitrophenol	10.021	139	53924	40.297	ng		88
27) 2,4-Dimethylphenol	10.079	122	93161	48.610	ng		91
28) bis(2-Chloroethoxy)met...	10.309	93	124951	39.772	ng		99
29) 2,4-Dichlorophenol	10.561	162	102987	42.746	ng		97
30) 1,2,4-Trichlorobenzene	10.773	180	105573	38.716	ng		93
31) Naphthalene	10.966	128	283718	39.808	ng		99
32) Benzoic acid	10.244	122	45306	37.207	ng		87
33) 4-Chloroaniline	11.066	127	86518	28.347	ng		97
34) Hexachlorobutadiene	11.248	225	77028	38.028	ng		98
35) Caprolactam	11.836	113	33635m	39.606	ng		
36) 4-Chloro-3-methylphenol	12.188	107	115658	41.234	ng		92
37) 2-Methylnaphthalene	12.564	142	208795	39.591	ng		96
38) 1-Methylnaphthalene	12.782	142	203373	39.507	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.934	216	134609	39.813	ng		98
41) Hexachlorocyclopentadiene	12.911	237	140221	80.340	ng		92
43) 2,4,6-Trichlorophenol	13.169	196	92926	39.864	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	98838	39.789	ng		97
46) 1,1'-Biphenyl	13.563	154	287413	40.092	ng		99
47) 2-Chloronaphthalene	13.610	162	226760	39.647	ng		97
48) 2-Nitroaniline	13.810	65	89123	41.061	ng		94
49) Acenaphthylene	14.450	152	385416	43.048	ng		99
50) Dimethylphthalate	14.180	163	317152	39.832	ng		99
51) 2,6-Dinitrotoluene	14.297	165	68050	40.968	ng	#	81
52) Acenaphthene	14.791	154	279094m	45.967	ng		
53) 3-Nitroaniline	14.632	138	55861	31.804	ng		93
54) 2,4-Dinitrophenol	14.844	184	84151	79.620	ng		91
55) Dibenzofuran	15.126	168	368988	38.812	ng		97
56) 4-Nitrophenol	14.949	139	110100	82.190	ng	#	82
57) 2,4-Dinitrotoluene	15.090	165	99437	42.048	ng		94
58) Fluorene	15.772	166	305084	39.732	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.355	232	93303	38.677	ng		99
60) Diethylphthalate	15.537	149	317748	38.088	ng		98
61) 4-Chlorophenyl-phenyle...	15.760	204	168864	38.794	ng		96
62) 4-Nitroaniline	15.795	138	71947	38.819	ng	#	79
63) Azobenzene	16.054	77	322346	38.324	ng		98
65) 4,6-Dinitro-2-methylph...	15.854	198	62233	36.533	ng		99
66) n-Nitrosodiphenylamine	15.977	169	276214	39.339	ng		100
67) 4-Bromophenyl-phenylether	16.653	248	120079	38.381	ng		95
68) Hexachlorobenzene	16.788	284	131360	38.770	ng		95
69) Atrazine	16.917	200	121071	44.143	ng		98
70) Pentachlorophenol	17.129	266	144709	78.148	ng		93
71) Phenanthrene	17.516	178	522757	39.196	ng		98
72) Anthracene	17.605	178	525668	39.785	ng		98
73) Carbazole	17.875	167	497000	38.696	ng		100
74) Di-n-butylphthalate	18.421	149	576576	39.583	ng		98
75) Fluoranthene	19.525	202	691969	40.476	ng		99
77) Benzidine	19.696	184	228189	31.729	ng		98
78) Pyrene	19.884	202	689448	38.405	ng		99
80) Butylbenzylphthalate	20.759	149	261704	39.102	ng		97
81) Benzo(a)anthracene	21.740	228	689237	39.992	ng		98
82) 3,3'-Dichlorobenzidine	21.646	252	192166	30.319	ng		98
83) Chrysene	21.811	228	615922	38.508	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	367246	40.594	ng		99
85) Di-n-octyl phthalate	22.862	149	622965	41.174	ng		97
87) Indeno(1,2,3-cd)pyrene	28.836	276	761518	40.852	ng		99
88) Benzo(b)fluoranthene	24.008	252	718050	45.358	ng		98
89) Benzo(k)fluoranthene	24.078	252	656215	42.177	ng		99
90) Benzo(a)pyrene	24.901	252	678285	50.294	ng		99
91) Dibenzo(a,h)anthracene	28.889	278	662579	43.186	ng		98
92) Benzo(g,h,i)perylene	30.017	276	663539	43.879	ng		98

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

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