Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052822.D
Acq On : 24 Mar 2022 23:33
Operator : CG/JU
Sample : N2091-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 25 03:20:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MHBMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/25/2022
Supervised By :Jagrut Upadhyay
03/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.142	152	30201	20.000	ng		0.00
21) Naphthalene-d8	10.956	136	126519	20.000	ng		0.00
39) Acenaphthene-d10	14.762	164	104379	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	267705	20.000	ng		0.00
76) Chrysene-d12	21.800	240	256306	20.000	ng		0.00
86) Perylene-d12	25.113	264	277291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.704	112	201258	116.054	ng		0.00
7) Phenol-d6	7.296	99	302579	115.733	ng		0.00
23) Nitrobenzene-d5	9.305	82	209262	83.015	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	180233	128.502	ng		0.00
45) 2-Fluorobiphenyl	13.388	172	464864	65.684	ng		0.00
79) Terphenyl-d14	20.108	244	919366	63.807	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	32427	37.380	ng	#	94
3) Pyridine	3.989	79	83045	37.345	ng		91
4) n-Nitrosodimethylamine	3.895	42	48092	48.750	ng		93
6) Aniline	7.460	93	138314	45.119	ng		96
8) 2-Chlorophenol	7.707	128	97745	53.641	ng		95
9) Benzaldehyde	7.272	77	60472	42.710	ng		97
10) Phenol	7.319	94	137431	53.251	ng		92
11) bis(2-Chloroethyl)ether	7.554	93	92221	47.317	ng		98
12) 1,3-Dichlorobenzene	8.036	146	98124	44.724	ng		97
13) 1,4-Dichlorobenzene	8.177	146	97768	44.352	ng		94
14) 1,2-Dichlorobenzene	8.500	146	95691	45.900	ng		99
15) Benzyl Alcohol	8.371	79	113456	51.539	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.665	45	145897	42.986	ng		98
17) 2-Methylphenol	8.577	107	92357	53.681	ng		94
18) Hexachloroethane	9.234	117	37341	46.170	ng		96
19) n-Nitroso-di-n-propyla...	8.947	70	89586	48.380	ng	#	96
20) 3+4-Methylphenols	8.906	107	129444	53.761	ng		90
22) Acetophenone	8.964	105	153179	46.785	ng		95
24) Nitrobenzene	9.346	77	138043	54.731	ng	#	88
25) Isophorone	9.875	82	251880	51.604	ng		98
26) 2-Nitrophenol	10.063	139	56700	64.734	ng		95
27) 2,4-Dimethylphenol	10.116	122	100927	56.324	ng		96
28) bis(2-Chloroethoxy)met...	10.351	93	133981	46.423	ng		96
29) 2,4-Dichlorophenol	10.597	162	112848	55.967	ng		96
30) 1,2,4-Trichlorobenzene	10.815	180	111580	46.910	ng		95
31) Naphthalene	11.009	128	308591	47.167	ng		99
32) Benzoic acid	10.251	122	79758	58.528	ng		93
33) 4-Chloroaniline	11.103	127	85364	30.784	ng		97
34) Hexachlorobutadiene	11.296	225	77625	45.517	ng		96
35) Caprolactam	11.878	113	41298m	75.010	ng		
36) 4-Chloro-3-methylphenol	12.219	107	136244	58.188	ng		94
37) 2-Methylnaphthalene	12.606	142	230719	48.154	ng		97
38) 1-Methylnaphthalene	12.818	142	224800m	48.074	ng		
40) 1,2,4,5-Tetrachloroben...	12.971	216	146852	45.033	ng		98
41) Hexachlorocyclopentadiene	12.953	237	184738	95.572	ng		97
43) 2,4,6-Trichlorophenol	13.200	196	108167	51.795	ng		98

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44) 2,4,5-Trichlorophenol	13.276	196	121929	57.523	ng		98
46) 1,1'-Biphenyl	13.599	154	327178	44.821	ng		96
47) 2-Chloronaphthalene	13.646	162	261068	45.414	ng		96
48) 2-Nitroaniline	13.834	65	105088	66.843	ng		90
49) Acenaphthylene	14.486	152	454862	49.637	ng		97
50) Dimethylphthalate	14.210	163	364596	46.999	ng		100
51) 2,6-Dinitrotoluene	14.328	165	82111	62.691	ng	#	80
52) Acenaphthene	14.827	154	334544	56.986	ng		99
53) 3-Nitroaniline	14.657	138	69612	45.420	ng		92
54) 2,4-Dinitrophenol	14.862	184	112731	157.900	ng	#	86
55) Dibenzofuran	15.162	168	445967	46.518	ng		98
56) 4-Nitrophenol	14.962	139	151271	120.998	ng	#	82
57) 2,4-Dinitrotoluene	15.115	165	119093	65.533	ng	#	91
58) Fluorene	15.808	166	369304	47.257	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	121339	53.556	ng		98
60) Diethylphthalate	15.573	149	391378	47.795	ng		100
61) 4-Chlorophenyl-phenyle...	15.796	204	202003	46.870	ng		98
62) 4-Nitroaniline	15.820	138	91078	56.240	ng	#	80
63) Azobenzene	16.090	77	404494	46.216	ng		97
65) 4,6-Dinitro-2-methylph...	15.878	198	73702	61.754	ng		93
66) n-Nitrosodiphenylamine	16.008	169	339516	45.048	ng		99
67) 4-Bromophenyl-phenylether	16.695	248	147710	45.766	ng		97
68) Hexachlorobenzene	16.818	284	164347	47.374	ng		95
69) Atrazine	16.953	200	148338	53.377	ng		98
70) Pentachlorophenol	17.159	266	217409	101.016	ng		95
71) Phenanthrene	17.553	178	657213	45.890	ng		98
72) Anthracene	17.641	178	666925	47.107	ng		99
73) Carbazole	17.905	167	611340	43.600	ng		100
74) Di-n-butylphthalate	18.463	149	703478	45.925	ng		99
75) Fluoranthene	19.556	202	834592	45.909	ng		99
77) Benzidine	19.726	184	446106	67.483	ng		98
78) Pyrene	19.914	202	825860	46.451	ng		100
80) Butylbenzylphthalate	20.795	149	311115	49.331	ng		97
81) Benzo(a)anthracene	21.776	228	807807	47.068	ng		99
82) 3,3'-Dichlorobenzidine	21.682	252	200748	33.123	ng		98
83) Chrysene	21.847	228	736110	45.623	ng		100
84) Bis(2-ethylhexyl)phtha...	21.676	149	424987	49.551	ng		99
85) Di-n-octyl phthalate	22.922	149	723943	50.702	ng		96
87) Indeno(1,2,3-cd)pyrene	28.908	276	891441	46.968	ng	#	96
88) Benzo(b)fluoranthene	24.061	252	845689	49.119	ng		96
89) Benzo(k)fluoranthene	24.132	252	787573	46.493	ng		97
90) Benzo(a)pyrene	24.960	252	805413	55.264	ng		100
91) Dibenzo(a,h)anthracene	28.978	278	771869	49.355	ng		98
92) Benzo(g,h,i)perylene	30.106	276	768898	49.689	ng		99

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

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