Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053503.D
Acq On : 9 May 2022 21:36
Operator : CG/JU
Sample : SP5896
Misc : 8270/625 SPIKE
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 10 03:03:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP5896

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	26010	20.000	ng		-0.01
21) Naphthalene-d8	10.896	136	105399	20.000	ng		-0.02
39) Acenaphthene-d10	14.714	164	77547	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	185400	20.000	ng		-0.01
76) Chrysene-d12	21.740	240	193044	20.000	ng		0.00
86) Perylene-d12	25.012	264	202664	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.530	88	39931	49.658	ng		93
3) Pyridine	3.929	79	90628	46.149	ng		94
4) n-Nitrosodimethylamine	3.847	42	52940	55.340	ng	#	96
6) Aniline	7.407	93	121638	47.217	ng		98
8) 2-Chlorophenol	7.653	128	93731	58.502	ng		93
9) Benzaldehyde	7.219	77	96761m	65.484	ng		
10) Phenol	7.277	94	131079	57.621	ng		96
11) bis(2-Chloroethyl)ether	7.495	93	91859	54.143	ng		98
12) 1,3-Dichlorobenzene	7.977	146	103143	54.570	ng		93
13) 1,4-Dichlorobenzene	8.123	146	103535	54.283	ng		98
14) 1,2-Dichlorobenzene	8.441	146	100505	56.115	ng		95
15) Benzyl Alcohol	8.323	79	105413m	54.209	ng		
16) 2,2'-oxybis(1-Chloropr...	8.611	45	145959	52.859	ng		96
17) 2-Methylphenol	8.535	107	85078	55.334	ng		97
18) Hexachloroethane	9.175	117	39383	54.374	ng		98
19) n-Nitroso-di-n-propyla...	8.887	70	82188	49.249	ng		95
20) 3+4-Methylphenols	8.858	107	116374	53.592	ng		99
22) Acetophenone	8.905	105	145690	50.506	ng	#	98
24) Nitrobenzene	9.292	77	131193	54.745	ng		99
25) Isophorone	9.815	82	225562	54.131	ng		100
26) 2-Nitrophenol	10.003	139	52535	54.126	ng		94
27) 2,4-Dimethylphenol	10.062	122	89894	61.542	ng		94
28) bis(2-Chloroethoxy)met...	10.291	93	122122	50.957	ng		97
29) 2,4-Dichlorophenol	10.550	162	98422	55.829	ng		90
30) 1,2,4-Trichlorobenzene	10.761	180	107421	53.630	ng		98
31) Naphthalene	10.949	128	280561	52.330	ng		98
32) Benzoic acid	10.244	122	40677m	45.160	ng		
33) 4-Chloroaniline	11.055	127	64508	28.730	ng		99
34) Hexachlorobutadiene	11.231	225	79454	53.495	ng		98
35) Caprolactam	11.824	113	30055m	46.914	ng		
36) 4-Chloro-3-methylphenol	12.177	107	107702	51.074	ng		99
37) 2-Methylnaphthalene	12.547	142	199708	49.914	ng		96
38) 1-Methylnaphthalene	12.764	142	192430m	49.294	ng		
40) 1,2,4,5-Tetrachloroben...	12.917	216	130531	53.400	ng		99
41) Hexachlorocyclopentadiene	12.893	237	134477	128.982	ng		98
43) 2,4,6-Trichlorophenol	13.152	196	83732	52.478	ng		96

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44)	2,4,5-Trichlorophenol	13.228	196	90637	53.374	ng		98
46)	1,1'-Biphenyl	13.545	154	277542	52.506	ng		99
47)	2-Chloronaphthalene	13.592	162	217924	52.621	ng		97
48)	2-Nitroaniline	13.792	65	81103	52.557	ng		97
49)	Acenaphthylene	14.438	152	358423	54.236	ng		98
50)	Dimethylphthalate	14.162	163	283843	48.167	ng		99
51)	2,6-Dinitrotoluene	14.286	165	62196	51.806	ng		94
52)	Acenaphthene	14.779	154	203014	51.548	ng		96
53)	3-Nitroaniline	14.615	138	42550	32.802	ng	#	95
54)	2,4-Dinitrophenol	14.832	184	67855	88.334	ng		90
55)	Dibenzofuran	15.108	168	341513	48.277	ng		97
56)	4-Nitrophenol	14.932	139	96182	103.810	ng		90
57)	2,4-Dinitrotoluene	15.073	165	88166	50.664	ng		88
58)	Fluorene	15.760	166	278159	48.999	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.343	232	84217	48.879	ng		98
60)	Diethylphthalate	15.519	149	290673	47.752	ng		98
61)	4-Chlorophenyl-phenyle...	15.743	204	155882	49.209	ng		97
62)	4-Nitroaniline	15.778	138	61706	45.863	ng		97
63)	Azobenzene	16.036	77	299554	48.057	ng		99
65)	4,6-Dinitro-2-methylph...	15.842	198	53900	48.789	ng		98
66)	n-Nitrosodiphenylamine	15.960	169	249259	51.206	ng		99
67)	4-Bromophenyl-phenylether	16.641	248	110985	51.257	ng		95
68)	Hexachlorobenzene	16.771	284	124339	52.434	ng		99
69)	Atrazine	16.906	200	109144	53.261	ng		98
70)	Pentachlorophenol	17.117	266	128534	99.449	ng		90
71)	Phenanthrene	17.499	178	480867	51.008	ng		98
72)	Anthracene	17.593	178	488822	52.753	ng		99
73)	Carbazole	17.857	167	448861	49.427	ng		99
74)	Di-n-butylphthalate	18.404	149	525710	51.472	ng		99
75)	Fluoranthene	19.508	202	632675	51.831	ng		99
77)	Benzidine	19.678	184	478268	114.946	ng		99
78)	Pyrene	19.872	202	637043	50.977	ng		99
80)	Butylbenzylphthalate	20.742	149	241356	52.669	ng		96
81)	Benzo(a)anthracene	21.717	228	639568	51.944	ng		100
82)	3,3'-Dichlorobenzidine	21.629	252	144455	46.265	ng		96
83)	Chrysene	21.787	228	580476	50.478	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.605	149	342936	54.220	ng		100
85)	Di-n-octyl phthalate	22.833	149	566477	52.965	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.784	276	725702	51.413	ng	#	99
88)	Benzo(b)fluoranthene	23.978	252	653060	54.440	ng		100
89)	Benzo(k)fluoranthene	24.049	252	632670	53.671	ng		98
90)	Benzo(a)pyrene	24.865	252	627348	61.442	ng	#	99
91)	Dibenzo(a,h)anthracene	28.831	278	626637	53.877	ng		98
92)	Benzo(g,h,i)perylene	29.953	276	617944	53.599	ng		96

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

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