Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053122.D
Acq On : 12 Apr 2022 16:38
Operator : CG/JU
Sample : N2364-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Quant Time: Apr 13 06:13:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	34235	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	138138	20.000	ng		0.00
39) Acenaphthene-d10	14.743	164	102955	20.000	ng		0.00
64) Phenanthrene-d10	17.487	188	233579	20.000	ng		0.00
76) Chrysene-d12	21.769	240	230992	20.000	ng		0.00
86) Perylene-d12	25.065	264	241477	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	265381	132.879	ng		0.00
7) Phenol-d6	7.283	99	383069	124.380	ng		0.00
23) Nitrobenzene-d5	9.286	82	261821	76.958	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	186401	113.800	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	571798	76.582	ng		0.00
79) Terphenyl-d14	20.089	244	940448	68.761	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	38269	40.124	ng	#	89
3) Pyridine	3.964	79	101160	40.215	ng	#	86
4) n-Nitrosodimethylamine	3.876	42	61581	49.436	ng		80
6) Aniline	7.441	93	148681	41.655	ng		99
8) 2-Chlorophenol	7.688	128	112712	52.276	ng		97
9) Benzaldehyde	7.253	77	89849m	48.805	ng		
10) Phenol	7.306	94	159332	51.973	ng		91
11) bis(2-Chloroethyl)ether	7.529	93	105964	47.950	ng		93
12) 1,3-Dichlorobenzene	8.011	146	120298	48.015	ng		96
13) 1,4-Dichlorobenzene	8.158	146	122444	47.937	ng		98
14) 1,2-Dichlorobenzene	8.481	146	117113	47.547	ng		98
15) Benzyl Alcohol	8.358	79	131814	48.151	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.640	45	166102	45.021	ng		98
17) 2-Methylphenol	8.563	107	105524	50.866	ng		94
18) Hexachloroethane	9.210	117	46060	48.088	ng		94
19) n-Nitroso-di-n-propyla...	8.922	70	103609	45.951	ng		96
20) 3+4-Methylphenols	8.886	107	143655	49.053	ng		92
22) Acetophenone	8.939	105	180666	47.142	ng		96
24) Nitrobenzene	9.327	77	157471	47.587	ng		91
25) Isophorone	9.850	82	282236	48.808	ng	#	98
26) 2-Nitrophenol	10.038	139	63756	46.075	ng	#	87
27) 2,4-Dimethylphenol	10.097	122	112846	56.942	ng		92
28) bis(2-Chloroethoxy)met...	10.326	93	151687	46.692	ng		95
29) 2,4-Dichlorophenol	10.578	162	124428	49.943	ng		96
30) 1,2,4-Trichlorobenzene	10.796	180	131467	46.624	ng		99
31) Naphthalene	10.984	128	343258	46.576	ng		99
32) Benzoic acid	10.243	122	66963m	51.623	ng		
33) 4-Chloroaniline	11.083	127	82206	26.047	ng		98
34) Hexachlorobutadiene	11.271	225	94479	45.107	ng		96
35) Caprolactam	11.853	113	38940m	44.342	ng		
36) 4-Chloro-3-methylphenol	12.205	107	138393	47.714	ng		95
37) 2-Methylnaphthalene	12.581	142	247121	45.315	ng		96
38) 1-Methylnaphthalene	12.799	142	243161m	45.680	ng		
40) 1,2,4,5-Tetrachloroben...	12.946	216	163420	46.735	ng		99
41) Hexachlorocyclopentadiene	12.928	237	202112	111.969	ng		93
43) 2,4,6-Trichlorophenol	13.181	196	112148	46.518	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	121503	47.295	ng		96
46) 1,1'-Biphenyl	13.580	154	348832	47.049	ng		97
47) 2-Chloronaphthalene	13.621	162	273527	46.241	ng		95
48) 2-Nitroaniline	13.821	65	101510	45.220	ng		91
49) Acenaphthylene	14.467	152	458243	49.488	ng		98
50) Dimethylphthalate	14.191	163	356713	43.318	ng		99
51) 2,6-Dinitrotoluene	14.309	165	78596	45.751	ng	#	82
52) Acenaphthene	14.808	154	334140m	53.212	ng		
53) 3-Nitroaniline	14.637	138	52799	29.066	ng	#	88
54) 2,4-Dinitrophenol	14.849	184	105805	96.795	ng	#	92
55) Dibenzofuran	15.143	168	437582	44.503	ng		99
56) 4-Nitrophenol	14.949	139	127806	92.251	ng	#	71
57) 2,4-Dinitrotoluene	15.096	165	112387	45.951	ng	#	91
58) Fluorene	15.789	166	355395	44.752	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	110090	44.126	ng		98
60) Diethylphthalate	15.548	149	374067	43.355	ng		100
61) 4-Chlorophenyl-phenyle...	15.777	204	196215	43.586	ng		98
62) 4-Nitroaniline	15.801	138	79669	41.563	ng	#	76
63) Azobenzene	16.065	77	374033	42.998	ng		99
65) 4,6-Dinitro-2-methylph...	15.859	198	71700	43.998	ng		96
66) n-Nitrosodiphenylamine	15.989	169	320287	47.683	ng		98
67) 4-Bromophenyl-phenylether	16.670	248	139432	46.587	ng		96
68) Hexachlorobenzene	16.799	284	152696	47.110	ng		94
69) Atrazine	16.934	200	135133	51.503	ng		96
70) Pentachlorophenol	17.140	266	181211	102.297	ng		94
71) Phenanthrene	17.528	178	597302	46.816	ng		98
72) Anthracene	17.622	178	601648	47.600	ng		99
73) Carbazole	17.886	167	543280	44.217	ng		100
74) Di-n-butylphthalate	18.432	149	614842	44.123	ng		98
75) Fluoranthene	19.537	202	718510	43.934	ng		99
77) Benzidine	19.707	184	418987	63.574	ng		99
78) Pyrene	19.895	202	726066	44.134	ng		98
80) Butylbenzylphthalate	20.770	149	272353	44.406	ng		98
81) Benzo(a)anthracene	21.751	228	731544	46.319	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	159475	27.456	ng		96
83) Chrysene	21.816	228	671510	45.813	ng		100
84) Bis(2-ethylhexyl)phtha...	21.646	149	381012	45.958	ng		99
85) Di-n-octyl phthalate	22.879	149	641911	46.296	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.848	276	810934	45.202	ng	#	97
88) Benzo(b)fluoranthene	24.019	252	751476	49.323	ng		98
89) Benzo(k)fluoranthene	24.089	252	705546	47.118	ng		98
90) Benzo(a)pyrene	24.918	252	716592	55.209	ng		97
91) Dibenzo(a,h)anthracene	28.906	278	700047	47.410	ng		97
92) Benzo(g,h,i)perylene	30.023	276	692779	47.601	ng		99

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

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