Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053171.D
Acq On : 15 Apr 2022 19:18
Operator : CG/JU
Sample : N2394-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

Quant Time: Apr 18 03:17:19 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	8.119	152	29936	20.000	ng		0.00
21) Naphthalene-d8	10.933	136	121297	20.000	ng	#	0.00
39) Acenaphthene-d10	14.740	164	91940	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	231944	20.000	ng		0.00
76) Chrysene-d12	21.771	240	235905	20.000	ng		0.00
86) Perylene-d12	25.067	264	250255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	242962	139.124	ng		0.00
7) Phenol-d6	7.279	99	325370	120.817	ng		0.00
23) Nitrobenzene-d5	9.282	82	264428	88.516	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	209156	142.990	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	582147	87.310	ng		0.00
79) Terphenyl-d14	20.085	244	1268864	90.841	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	37369	44.807	ng	#	21
3) Pyridine	3.978	79	75346	34.254	ng	#	91
4) n-Nitrosodimethylamine	3.878	42	56323	51.708	ng		80
6) Aniline	7.438	93	92746	29.716	ng		97
8) 2-Chlorophenol	7.684	128	101779	53.984	ng		95
9) Benzaldehyde	7.250	77	80148	49.788	ng		93
10) Phenol	7.308	94	122480	45.690	ng		88
11) bis(2-Chloroethyl)ether	7.526	93	98345	50.893	ng		97
12) 1,3-Dichlorobenzene	8.008	146	110364	50.376	ng	#	94
13) 1,4-Dichlorobenzene	8.154	146	111255	49.812	ng		95
14) 1,2-Dichlorobenzene	8.477	146	106103	49.263	ng		96
15) Benzyl Alcohol	8.354	79	121587	50.793	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.642	45	157557	48.837	ng		95
17) 2-Methylphenol	8.560	107	91450	50.413	ng		95
18) Hexachloroethane	9.206	117	42080	50.242	ng		99
19) n-Nitroso-di-n-propyla...	8.918	70	94555	47.958	ng	#	96
20) 3+4-Methylphenols	8.889	107	126095	49.240	ng		92
22) Acetophenone	8.936	105	164450	48.869	ng	#	95
24) Nitrobenzene	9.323	77	144229	49.636	ng		92
25) Isophorone	9.846	82	263214	51.838	ng		98
26) 2-Nitrophenol	10.040	139	59074	48.619	ng		92
27) 2,4-Dimethylphenol	10.093	122	104182	59.869	ng		98
28) bis(2-Chloroethoxy)met...	10.322	93	140846	49.374	ng		96
29) 2,4-Dichlorophenol	10.581	162	111845	51.126	ng		97
30) 1,2,4-Trichlorobenzene	10.792	180	117508	47.459	ng		99
31) Naphthalene	10.980	128	311949	48.204	ng		99
32) Benzoic acid	10.252	122	58833	51.650	ng	#	87
33) 4-Chloroaniline	11.086	127	29618	10.687	ng		95
34) Hexachlorobutadiene	11.268	225	84698	46.051	ng		94
35) Caprolactam	11.855	113	33163m	43.007	ng		
36) 4-Chloro-3-methylphenol	12.208	107	130845	51.375	ng		92
37) 2-Methylnaphthalene	12.578	142	229809	47.991	ng	#	93
38) 1-Methylnaphthalene	12.795	142	220014	47.070	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.948	216	149872	47.996	ng		99
41) Hexachlorocyclopentadiene	12.924	237	178502	110.737	ng		92
43) 2,4,6-Trichlorophenol	13.183	196	107174	49.780	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.259	196	116153	50.629	ng		98
46)	1,1'-Biphenyl	13.576	154	327430	49.454	ng		98
47)	2-Chloronaphthalene	13.623	162	254746	48.226	ng		96
48)	2-Nitroaniline	13.817	65	102310	51.037	ng		95
49)	Acenaphthylene	14.463	152	439327	53.130	ng		99
50)	Dimethylphthalate	14.187	163	366881	49.891	ng		100
51)	2,6-Dinitrotoluene	14.311	165	79619	51.899	ng		87
52)	Acenaphthene	14.804	154	320293m	57.118	ng		
53)	3-Nitroaniline	14.640	138	47311	29.165	ng		99
54)	2,4-Dinitrophenol	14.851	184	100886	103.353	ng		92
55)	Dibenzofuran	15.139	168	422620	48.131	ng		97
56)	4-Nitrophenol	14.957	139	122886	99.326	ng	#	75
57)	2,4-Dinitrotoluene	15.098	165	115970	53.097	ng		89
58)	Fluorene	15.785	166	353095	49.789	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.368	232	116204	52.157	ng		99
60)	Diethylphthalate	15.550	149	379863	49.302	ng		99
61)	4-Chlorophenyl-phenyle...	15.773	204	196627	48.910	ng		93
62)	4-Nitroaniline	15.803	138	82477	48.182	ng	#	81
63)	Azobenzene	16.067	77	374265	48.179	ng		97
65)	4,6-Dinitro-2-methylph...	15.862	198	72136	44.578	ng		96
66)	n-Nitrosodiphenylamine	15.985	169	320310	48.023	ng		98
67)	4-Bromophenyl-phenylether	16.666	248	142733	48.026	ng		95
68)	Hexachlorobenzene	16.796	284	157671	48.988	ng		95
69)	Atrazine	16.931	200	142712	54.775	ng		95
70)	Pentachlorophenol	17.142	266	195150	110.942	ng		93
71)	Phenanthrene	17.530	178	618062	48.785	ng		98
72)	Anthracene	17.618	178	629199	50.130	ng		99
73)	Carbazole	17.888	167	584903	47.940	ng		99
74)	Di-n-butylphthalate	18.435	149	681132	49.225	ng		98
75)	Fluoranthene	19.533	202	820187	50.505	ng		98
77)	Benzidine	19.709	184	108237	16.081	ng		96
78)	Pyrene	19.897	202	813020	48.391	ng		99
80)	Butylbenzylphthalate	20.767	149	302196	48.245	ng		96
81)	Benzo(a)anthracene	21.754	228	797913	49.469	ng		99
82)	3,3'-Dichlorobenzidine	21.660	252	207795	35.030	ng		99
83)	Chrysene	21.818	228	726434	48.528	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.642	149	424288	50.112	ng		98
85)	Di-n-octyl phthalate	22.876	149	718869	50.767	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.856	276	895989	48.191	ng		98
88)	Benzo(b)fluoranthene	24.021	252	839037	53.138	ng		97
89)	Benzo(k)fluoranthene	24.092	252	782245	50.408	ng		99
90)	Benzo(a)pyrene	24.920	252	792145	58.890	ng		98
91)	Dibenzo(a,h)anthracene	28.914	278	768076	50.192	ng		99
92)	Benzo(g,h,i)perylene	30.031	276	769285	51.004	ng		98

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

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