Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
Data File : BG055044.D
Acq On : 30 Sep 2022 17:20
Operator : CG/JU
Sample : N4912-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 01 02:13:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 15:43:39 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
72-11939MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	33689	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	143947	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	102795	20.000	ng	0.00
64) Phenanthrene-d10	17.688	188	236760	20.000	ng	0.00
76) Chrysene-d12	21.983	240	224953	20.000	ng	#-0.01
86) Perylene-d12	25.438	264	247637	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	220374	125.396	ng	0.00
7) Phenol-d6	7.477	99	298249	127.909	ng	0.00
23) Nitrobenzene-d5	9.515	82	166038	74.425	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	146398	125.511	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	428970	65.688	ng	0.00
79) Terphenyl-d14	20.262	244	767541	71.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	31253	35.904	ng	# 96
3) Pyridine	4.110	79	82531	33.364	ng	96
4) n-Nitrosodimethylamine	4.016	42	50471	41.963	ng	85
6) Aniline	7.659	93	116457	37.908	ng	99
8) 2-Chlorophenol	7.900	128	101736	51.842	ng	99
9) Benzaldehyde	7.471	77	62563	41.489	ng	97
10) Phenol	7.500	94	134586	50.891	ng	95
11) bis(2-Chloroethyl)ether	7.747	93	91058	45.878	ng	97
12) 1,3-Dichlorobenzene	8.235	146	109829	45.721	ng	97
13) 1,4-Dichlorobenzene	8.382	146	113313	46.512	ng	99
14) 1,2-Dichlorobenzene	8.705	146	110368	47.942	ng	99
15) Benzyl Alcohol	8.575	79	99842	50.029	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.869	45	152464	45.907	ng	99
17) 2-Methylphenol	8.769	107	92080	49.846	ng	95
18) Hexachloroethane	9.451	117	37844	47.287	ng	93
19) n-Nitroso-di-n-propyla...	9.151	70	82390	44.976	ng	93
20) 3+4-Methylphenols	9.098	107	125526	49.313	ng	95
22) Acetophenone	9.169	105	159268	45.102	ng	98
24) Nitrobenzene	9.563	77	114818	47.502	ng	98
25) Isophorone	10.085	82	226056	45.130	ng	99
26) 2-Nitrophenol	10.273	139	47159	45.553	ng	94
27) 2,4-Dimethylphenol	10.320	122	109904	56.130	ng	97
28) bis(2-Chloroethoxy)met...	10.561	93	127112	48.616	ng	100
29) 2,4-Dichlorophenol	10.808	162	109521	50.081	ng	94
30) 1,2,4-Trichlorobenzene	11.031	180	115150	44.856	ng	98
31) Naphthalene	11.231	128	331222	44.115	ng	98
32) Benzoic acid	10.432	122	66706m	47.273	ng	
33) 4-Chloroaniline	11.325	127	52010	17.030	ng	99
34) Hexachlorobutadiene	11.507	225	75043	44.806	ng	99
35) Caprolactam	12.077	113	36157m	50.346	ng	
36) 4-Chloro-3-methylphenol	12.412	107	117085	48.523	ng	97
37) 2-Methylnaphthalene	12.806	142	241925	44.907	ng	98
38) 1-Methylnaphthalene	13.023	142	228534	43.939	ng	99
40) 1,2,4,5-Tetrachloroben...	13.164	216	140649	46.621	ng	99
41) Hexachlorocyclopentadiene	13.147	237	159875	104.649	ng	99
43) 2,4,6-Trichlorophenol	13.393	196	96313	50.116	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.464	196	105794	48.404	ng		97
46)	1,1'-Biphenyl	13.793	154	330686	47.027	ng		97
47)	2-Chloronaphthalene	13.840	162	257563	45.322	ng		96
48)	2-Nitroaniline	14.028	65	69531	43.719	ng		97
49)	Acenaphthylene	14.680	152	420555	45.606	ng		99
50)	Dimethylphthalate	14.398	163	336486	43.801	ng		99
51)	2,6-Dinitrotoluene	14.516	165	64525	44.704	ng		96
52)	Acenaphthene	15.015	154	278232	48.606	ng		99
53)	3-Nitroaniline	14.845	138	48570	30.050	ng	#	88
54)	2,4-Dinitrophenol	15.044	184	62937	97.133	ng		93
55)	Dibenzofuran	15.350	168	412725	44.610	ng		99
56)	4-Nitrophenol	15.127	139	122211	98.298	ng		92
57)	2,4-Dinitrotoluene	15.291	165	88794	45.007	ng	#	97
58)	Fluorene	15.990	166	326219	44.161	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.561	232	93595	47.531	ng		98
60)	Diethylphthalate	15.749	149	346864	43.761	ng		99
61)	4-Chlorophenyl-phenyle...	15.979	204	181559	45.950	ng		96
62)	4-Nitroaniline	16.002	138	73971	45.230	ng		90
63)	Azobenzene	16.272	77	315642	42.440	ng		97
65)	4,6-Dinitro-2-methylph...	16.049	198	40278	44.189	ng		96
66)	n-Nitrosodiphenylamine	16.190	169	291540	45.743	ng		97
67)	4-Bromophenyl-phenylether	16.872	248	123034	48.242	ng		98
68)	Hexachlorobenzene	16.989	284	138316	48.016	ng		98
69)	Atrazine	17.124	200	122811	51.990	ng		98
70)	Pentachlorophenol	17.330	266	161762	99.730	ng		100
71)	Phenanthrene	17.729	178	552291	45.184	ng		98
72)	Anthracene	17.823	178	553835	45.935	ng		98
73)	Carbazole	18.082	167	505534	44.731	ng		98
74)	Di-n-butylphthalate	18.622	149	604728	44.531	ng		100
75)	Fluoranthene	19.715	202	669165	42.719	ng		97
77)	Benzidine	19.880	184	375133	67.343	ng		100
78)	Pyrene	20.074	202	667210	46.356	ng		99
80)	Butylbenzylphthalate	20.949	149	248876	47.866	ng		92
81)	Benzo(a)anthracene	21.966	228	641526	44.520	ng		98
82)	3,3'-Dichlorobenzidine	21.860	252	156704	33.629	ng		98
83)	Chrysene	22.036	228	600654	44.259	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.854	149	365150	47.447	ng	#	99
85)	Di-n-octyl phthalate	23.152	149	605597	46.892	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.433	276	804593	44.472	ng	#	96
88)	Benzo(b)fluoranthene	24.339	252	691810	46.920	ng	#	97
89)	Benzo(k)fluoranthene	24.410	252	670499	45.967	ng	#	97
90)	Benzo(a)pyrene	25.285	252	614422	49.307	ng	#	96
91)	Dibenzo(a,h)anthracene	29.504	278	688808	46.255	ng	#	96
92)	Benzo(g,h,i)perylene	30.691	276	691377	47.194	ng	#	93

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

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