

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060706.D
 Acq On : 29 Mar 2024 15:36
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 03:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 02:56:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	58206	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	263631	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	189545	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	418991	20.000	ng	0.00
76) Chrysene-d12	21.607	240	377997	20.000	ng	0.00
86) Perylene-d12	24.744	264	447799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	554349	158.658	ng	0.00
7) Phenol-d6	7.123	99	817268	157.579	ng	0.00
23) Nitrobenzene-d5	9.121	82	814446	176.283	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	359339	167.007	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1951132	151.074	ng	0.00
79) Terphenyl-d14	19.967	244	2971849	138.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	96537	67.390	ng	95
3) Pyridine	3.851	79	286295	66.257	ng	95
4) n-Nitrosodimethylamine	3.769	42	187531	72.606	ng	# 99
6) Aniline	7.288	93	514640	78.578	ng	99
8) 2-Chlorophenol	7.529	128	313159	79.058	ng	96
10) Phenol	7.147	94	420327	79.411	ng	99
11) bis(2-Chloroethyl)ether	7.388	93	333738	78.096	ng	99
12) 1,3-Dichlorobenzene	7.852	146	320357	77.770	ng	98
13) 1,4-Dichlorobenzene	7.999	146	326380	77.662	ng	98
14) 1,2-Dichlorobenzene	8.316	146	322562	78.321	ng	99
15) Benzyl Alcohol	8.199	79	338357	80.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.498	45	768143m	79.623	ng	
17) 2-Methylphenol	8.398	107	320296	80.158	ng	97
18) Hexachloroethane	9.051	117	119352	79.964	ng	94
19) n-Nitroso-di-n-propyla...	8.780	70	313960	79.380	ng	97
20) 3+4-Methylphenols	8.728	107	442149	80.806	ng	96
22) Acetophenone	8.780	105	562038	77.317	ng	# 98
24) Nitrobenzene	9.162	77	417958	79.350	ng	96
25) Isophorone	9.691	82	834325	78.404	ng	99
26) 2-Nitrophenol	9.867	139	160422	79.101	ng	97
27) 2,4-Dimethylphenol	9.932	122	330103	77.224	ng	99
28) bis(2-Chloroethoxy)met...	10.173	93	491191	78.184	ng	99
29) 2,4-Dichlorophenol	10.402	162	325654	82.962	ng	98
30) 1,2,4-Trichlorobenzene	10.625	180	350438	78.841	ng	98
31) Naphthalene	10.813	128	1090057	76.437	ng	99
32) Benzoic acid	10.096	122	245703	80.924	ng	95
33) 4-Chloroaniline	10.913	127	515083	77.763	ng	98
34) Hexachlorobutadiene	11.107	225	237521	80.181	ng	98
35) Caprolactam	11.706	113	118516m	76.252	ng	
36) 4-Chloro-3-methylphenol	12.035	107	394806	78.733	ng	100
37) 2-Methylnaphthalene	12.417	142	791842	75.525	ng	99
38) 1-Methylnaphthalene	12.635	142	753297	76.055	ng	94
40) 1,2,4,5-Tetrachloroben...	12.787	216	437881	80.357	ng	100
41) Hexachlorocyclopentadiene	12.770	237	243255	87.792	ng	99
43) 2,4,6-Trichlorophenol	13.022	196	300619	85.676	ng	94
44) 2,4,5-Trichlorophenol	13.087	196	347899	83.083	ng	98

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46) 1,1'-Biphenyl	13.428	154	1042401	77.859	ng	99
47) 2-Chloronaphthalene	13.469	162	805728	79.210	ng	100
48) 2-Nitroaniline	13.663	65	288883	79.451	ng	98
49) Acenaphthylene	14.315	152	1327674	77.680	ng	99
50) Dimethylphthalate	14.057	163	1144035	76.362	ng	99
51) 2,6-Dinitrotoluene	14.162	165	220849	79.833	ng	96
52) Acenaphthene	14.656	154	833066	77.631	ng	99
53) 3-Nitroaniline	14.491	138	241355	79.999	ng	97
55) Dibenzofuran	14.991	168	1277655	75.482	ng	97
56) 4-Nitrophenol	14.785	139	191649	87.504	ng	94
57) 2,4-Dinitrotoluene	14.950	165	294329	79.378	ng	99
58) Fluorene	15.643	166	996734	73.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.214	232	298774	81.910	ng	99
60) Diethylphthalate	15.431	149	1126269	74.722	ng	99
61) 4-Chlorophenyl-phenyle...	15.643	204	532923	74.151	ng	96
62) 4-Nitroaniline	15.655	138	238642	87.123	ng	99
63) Azobenzene	15.937	77	1114245	75.862	ng	97
65) 4,6-Dinitro-2-methylph...	15.713	198	150166	81.153	ng	96
66) n-Nitrosodiphenylamine	15.854	169	952593	79.560	ng	98
67) 4-Bromophenyl-phenylether	16.536	248	349367	82.161	ng	99
68) Hexachlorobenzene	16.648	284	380714	79.312	ng	97
69) Atrazine	16.806	200	312468	74.628	ng	99
70) Pentachlorophenol	16.983	266	276084	88.146	ng	100
71) Phenanthrene	17.382	178	1639838	75.254	ng	99
72) Anthracene	17.476	178	1676888	75.774	ng	99
73) Carbazole	17.740	167	1454191	74.529	ng	99
74) Di-n-butylphthalate	18.328	149	1822449	74.919	ng	99
75) Fluoranthene	19.391	202	1947485	73.651	ng	99
77) Benzidine	19.574	184	779287	78.293	ng	98
78) Pyrene	19.756	202	2004171	75.812	ng	98
80) Butylbenzylphthalate	20.666	149	806466	83.627	ng	99
81) Benzo(a)anthracene	21.589	228	2058396	77.253	ng	97
82) 3,3'-Dichlorobenzidine	21.507	252	721148	80.157	ng	98
83) Chrysene	21.654	228	1990302	77.499	ng	97
84) Bis(2-ethylhexyl)phtha...	21.542	149	1246342	81.086	ng	97
85) Di-n-octyl phthalate	22.752	149	2102722	83.973	ng	98
87) Indeno(1,2,3-cd)pyrene	28.340	276	2532292	80.303	ng	94
88) Benzo(b)fluoranthene	23.763	252	2027477	78.811	ng	99
89) Benzo(k)fluoranthene	23.833	252	2039122	77.765	ng	100
90) Benzo(a)pyrene	24.609	252	1966611	78.663	ng	99
91) Dibenzo(a,h)anthracene	28.416	278	2135204	80.324	ng	98
92) Benzo(g,h,i)perylene	29.456	276	2064918	79.854	ng	99

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

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