

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010587.D
 Acq On : 28 May 2022 00:05
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/28/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 01:25:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 01:22:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	162442	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	634775	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	405548	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	763227	20.000	ng	0.00
76) Chrysene-d12	21.345	240	597319	20.000	ng	0.00
86) Perylene-d12	23.757	264	573926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1397464	150.200	ng	0.00
7) Phenol-d6	7.046	99	2005137	159.361	ng	0.00
23) Nitrobenzene-d5	9.034	82	2125302	177.921	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	762817	113.985	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	4455255	152.295	ng	0.00
79) Terphenyl-d14	19.816	244	5240577	157.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	274346	74.446	ng	98
3) Pyridine	3.752	79	837191m	84.350	ng	
4) n-Nitrosodimethylamine	3.664	42	482859	132.098	ng	95
6) Aniline	7.205	93	1175926	82.001	ng	99
8) 2-Chlorophenol	7.434	128	772055	72.771	ng	97
10) Phenol	7.075	94	1029773	81.578	ng	96
11) bis(2-Chloroethyl)ether	7.299	93	793431	79.421	ng	98
12) 1,3-Dichlorobenzene	7.757	146	862193	72.004	ng	98
13) 1,4-Dichlorobenzene	7.904	146	894031	73.024	ng	99
14) 1,2-Dichlorobenzene	8.222	146	845197	71.425	ng	100
15) Benzyl Alcohol	8.116	79	831698	82.906	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1418022	130.943	ng	99
17) 2-Methylphenol	8.316	107	695004	79.897	ng	99
18) Hexachloroethane	8.946	117	337395	78.635	ng	99
19) n-Nitroso-di-n-propyla...	8.687	70	723810	90.949	ng	98
20) 3+4-Methylphenols	8.651	107	969490	81.055	ng	99
22) Acetophenone	8.699	105	1313897	83.628	ng	# 98
24) Nitrobenzene	9.075	77	1067985	94.645	ng	97
25) Isophorone	9.610	82	1849926	90.792	ng	98
26) 2-Nitrophenol	9.787	139	460315	78.261	ng	98
27) 2,4-Dimethylphenol	9.851	122	649487	78.255	ng	97
28) bis(2-Chloroethoxy)met...	10.081	93	980357	73.896	ng	98
29) 2,4-Dichlorophenol	10.322	162	793027	78.334	ng	98
30) 1,2,4-Trichlorobenzene	10.534	180	864497	73.705	ng	98
31) Naphthalene	10.722	128	2624039	80.253	ng	100
32) Benzoic acid	10.051	122	571382	88.055	ng	99
33) 4-Chloroaniline	10.834	127	1068652	80.094	ng	99
34) Hexachlorobutadiene	11.010	225	567945	71.464	ng	98
35) Caprolactam	11.651	113	249345	72.979	ng	92
36) 4-Chloro-3-methylphenol	11.963	107	910416	83.689	ng	99
37) 2-Methylnaphthalene	12.328	142	1866302	81.350	ng	99
38) 1-Methylnaphthalene	12.551	142	1810855	81.026	ng	98
40) 1,2,4,5-Tetrachloroben...	12.704	216	991147	73.660	ng	99
41) Hexachlorocyclopentadiene	12.681	237	566085	119.408	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	671984	75.346	ng	98
44) 2,4,5-Trichlorophenol	13.016	196	736196	76.014	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.339	154	2359482	77.989	ng	99
47) 2-Chloronaphthalene	13.381	162	1850827	77.703	ng	100
48) 2-Nitroaniline	13.587	65	694859	107.109	ng	99
49) Acenaphthylene	14.228	152	2909451	79.125	ng	99
50) Dimethylphthalate	13.975	163	2297954	74.780	ng	99
51) 2,6-Dinitrotoluene	14.086	165	506106	78.606	ng	97
52) Acenaphthene	14.569	154	1766368	80.417	ng	99
53) 3-Nitroaniline	14.416	138	512976	75.431	ng	96
54) 2,4-Dinitrophenol	14.628	184	309087	87.398	ng	97
55) Dibenzofuran	14.904	168	2754421	74.643	ng	99
56) 4-Nitrophenol	14.728	139	399223	78.754	ng	94
57) 2,4-Dinitrotoluene	14.875	165	678527	76.644	ng	95
58) Fluorene	15.557	166	2278690	78.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	629962	71.748	ng	99
60) Diethylphthalate	15.333	149	2267558	73.728	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1142998	71.496	ng	97
62) 4-Nitroaniline	15.586	138	517690	72.485	ng	95
63) Azobenzene	15.845	77	2392471	89.424	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	399813	81.466	ng	95
66) n-Nitrosodiphenylamine	15.769	169	1885829	83.495	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	676051	72.387	ng	100
68) Hexachlorobenzene	16.569	284	736452	68.516	ng	97
69) Atrazine	16.722	200	599808	75.533	ng	98
70) Pentachlorophenol	16.910	266	458605	79.816	ng	98
71) Phenanthrene	17.304	178	3282451	80.342	ng	100
72) Anthracene	17.392	178	3187476	79.020	ng	99
73) Carbazole	17.663	167	2707560	68.634	ng	100
74) Di-n-butylphthalate	18.216	149	3513370	76.001	ng	99
75) Fluoranthene	19.269	202	3426484	69.275	ng	98
77) Benzidine	19.445	184	892893	60.985	ng	98
78) Pyrene	19.622	202	3479657	88.404	ng	99
80) Butylbenzylphthalate	20.486	149	1423310	85.076	ng	99
81) Benzo(a)anthracene	21.327	228	3104006	79.096	ng	98
82) 3,3'-Dichlorobenzidine	21.257	252	876746	57.832	ng	99
83) Chrysene	21.380	228	3008839	80.970	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	1990922	85.377	ng	99
85) Di-n-octyl phthalate	22.174	149	3311328	82.383	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	3413197	78.388	ng	100
88) Benzo(b)fluoranthene	23.021	252	2919998	85.226	ng	99
89) Benzo(k)fluoranthene	23.074	252	2950558	87.956	ng	99
90) Benzo(a)pyrene	23.651	252	2463081	84.025	ng	100
91) Dibenzo(a,h)anthracene	26.292	278	2880743	79.382	ng	98
92) Benzo(g,h,i)perylene	27.051	276	2813626	78.813	ng	99

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

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