

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053585.D
 Acq On : 17 May 2022 15:48
 Operator : CG/JU
 Sample : N2863-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1218-01MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 18 03:13:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	27306	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	122831	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	103193	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	258320	20.000	ng	0.00
76) Chrysene-d12	21.739	240	191848	20.000	ng	0.00
86) Perylene-d12	25.017	264	192632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	256484	159.411	ng	0.00
7) Phenol-d6	7.253	99	400936	164.195	ng	0.00
23) Nitrobenzene-d5	9.250	82	282629	97.948	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	237210	155.856	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	661272	93.640	ng	0.00
79) Terphenyl-d14	20.059	244	1279562	124.220	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.516	88	23539	27.884	ng	# 91
3) Pyridine	3.922	79	59018m	28.627	ng	
4) n-Nitrosodimethylamine	3.834	42	47466	47.263	ng	93
6) Aniline	7.411	93	115337	42.646	ng	96
8) 2-Chlorophenol	7.652	128	89981	53.496	ng	95
9) Benzaldehyde	7.211	77	72204m	46.545	ng	
10) Phenol	7.276	94	126959	53.161	ng	92
11) bis(2-Chloroethyl)ether	7.493	93	95789	53.780	ng	97
12) 1,3-Dichlorobenzene	7.969	146	86970	43.830	ng	95
13) 1,4-Dichlorobenzene	8.116	146	89198	44.547	ng	97
14) 1,2-Dichlorobenzene	8.439	146	88341	46.983	ng	99
15) Benzyl Alcohol	8.322	79	46846	22.947	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.604	45	143275	49.424	ng	94
17) 2-Methylphenol	8.527	107	89109	55.205	ng	98
18) Hexachloroethane	9.168	117	33352	43.862	ng	92
19) n-Nitroso-di-n-propyla...	8.886	70	89588	51.135	ng	96
20) 3+4-Methylphenols	8.856	107	122098	53.559	ng	97
22) Acetophenone	8.903	105	147654	43.922	ng	# 95
24) Nitrobenzene	9.285	77	132010	47.268	ng	99
25) Isophorone	9.808	82	248490	51.170	ng	99
26) 2-Nitrophenol	10.002	139	55508	49.073	ng	97
27) 2,4-Dimethylphenol	10.061	122	97955	57.543	ng	94
28) bis(2-Chloroethoxy)met...	10.284	93	132894	47.582	ng	99
29) 2,4-Dichlorophenol	10.548	162	109625	53.359	ng	94
30) 1,2,4-Trichlorobenzene	10.754	180	104519	44.776	ng	98
31) Naphthalene	10.942	128	287280	45.979	ng	100
32) Benzoic acid	10.231	122	37256m	37.309	ng	
33) 4-Chloroaniline	11.065	127	36189m	13.830	ng	
34) Hexachlorobutadiene	11.224	225	77264	44.637	ng	98
35) Caprolactam	11.841	113	38581m	51.676	ng	
36) 4-Chloro-3-methylphenol	12.181	107	124661	50.726	ng	100
37) 2-Methylnaphthalene	12.540	142	219228	47.016	ng	97
38) 1-Methylnaphthalene	12.763	142	214786m	47.213	ng	
40) 1,2,4,5-Tetrachloroben...	12.910	216	141815	43.598	ng	# 99
41) Hexachlorocyclopentadiene	12.892	237	161863	117.510	ng	98
43) 2,4,6-Trichlorophenol	13.150	196	102178	48.123	ng	96

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44) 2,4,5-Trichlorophenol	13.239	196	108637	48.074	ng	99
46) 1,1'-Biphenyl	13.544	154	316543	45.002	ng	99
47) 2-Chloronaphthalene	13.591	162	247576	44.924	ng	98
48) 2-Nitroaniline	13.791	65	98909	48.166	ng	98
49) Acenaphthylene	14.431	152	427359	48.596	ng	99
50) Dimethylphthalate	14.161	163	352689	44.976	ng	99
51) 2,6-Dinitrotoluene	14.278	165	77853	48.731	ng	99
52) Acenaphthene	14.772	154	239454	45.690	ng	98
53) 3-Nitroaniline	14.619	138	56662	32.825	ng	94
54) 2,4-Dinitrophenol	14.831	184	99073	96.313	ng	99
55) Dibenzofuran	15.107	168	416534	44.248	ng	95
56) 4-Nitrophenol	14.942	139	107176	86.928	ng	87
57) 2,4-Dinitrotoluene	15.071	165	112112	48.413	ng	# 84
58) Fluorene	15.759	166	351117	46.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	105940m	46.206	ng	
60) Diethylphthalate	15.518	149	375000	46.295	ng	98
61) 4-Chlorophenyl-phenyle...	15.741	204	193225	45.838	ng	99
62) 4-Nitroaniline	15.782	138	77281	43.164	ng	94
63) Azobenzene	16.035	77	381415	45.983	ng	98
65) 4,6-Dinitro-2-methylph...	15.841	198	73751	47.913	ng	98
66) n-Nitrosodiphenylamine	15.958	169	313636	46.244	ng	100
67) 4-Bromophenyl-phenylether	16.634	248	140157	46.457	ng	92
68) Hexachlorobenzene	16.769	284	152964	46.296	ng	98
69) Atrazine	16.904	200	124260	43.521	ng	97
70) Pentachlorophenol	17.116	266	163946	91.433	ng	92
71) Phenanthrene	17.498	178	600440	45.713	ng	97
72) Anthracene	17.592	178	609263	47.191	ng	99
73) Carbazole	17.862	167	551525	43.588	ng	100
74) Di-n-butylphthalate	18.402	149	660401	46.407	ng	100
75) Fluoranthene	19.507	202	766438	45.065	ng	98
77) Benzidine	19.695	184	212447m	51.377	ng	
78) Pyrene	19.871	202	754044	60.716	ng	100
80) Butylbenzylphthalate	20.740	149	234404	51.471	ng	94
81) Benzo(a)anthracene	21.715	228	588441	48.089	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	198181	63.867	ng	96
83) Chrysene	21.786	228	532682	46.610	ng	97
84) Bis(2-ethylhexyl)phtha...	21.604	149	288586	45.912	ng	96
85) Di-n-octyl phthalate	22.826	149	489061	46.012	ng	99
87) Indeno(1,2,3-cd)pyrene	28.782	276	629132	46.893	ng	# 95
88) Benzo(b)fluoranthene	23.971	252	562410	49.325	ng	99
89) Benzo(k)fluoranthene	24.048	252	537525	47.974	ng	99
90) Benzo(a)pyrene	24.864	252	543550	56.007	ng	# 99
91) Dibenzo(a,h)anthracene	28.835	278	540769	48.916	ng	98
92) Benzo(g,h,i)perylene	29.957	276	539899	49.269	ng	95

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

