

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053442.D
 Acq On : 5 May 2022 1:21
 Operator : CG/JU
 Sample : PB144564BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144564BS

Manual Integrations
 APPROVED

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

Quant Time: May 05 02:19:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	22113	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	96884	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	80567	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	199345	20.000	ng	0.00
76) Chrysene-d12	21.748	240	208603	20.000	ng	0.00
86) Perylene-d12	25.032	264	218839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	173390	133.074	ng	0.00
7) Phenol-d6	7.262	99	251243	127.054	ng	0.00
23) Nitrobenzene-d5	9.259	82	173983	76.444	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	136188	114.610	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	396312	71.881	ng	0.00
79) Terphenyl-d14	20.068	244	892446	79.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.538	88	19899	29.107	ng	# 92
3) Pyridine	3.943	79	50074m	29.992	ng	
4) n-Nitrosodimethylamine	3.855	42	33942	41.734	ng	98
6) Aniline	7.415	93	92401	42.189	ng	97
8) 2-Chlorophenol	7.667	128	63408	46.551	ng	94
9) Benzaldehyde	7.233	77	45249m	36.019	ng	
10) Phenol	7.285	94	87264	45.121	ng	97
11) bis(2-Chloroethyl)ether	7.509	93	60500	41.944	ng	95
12) 1,3-Dichlorobenzene	7.984	146	63561	39.555	ng	95
13) 1,4-Dichlorobenzene	8.131	146	65057	40.120	ng	96
14) 1,2-Dichlorobenzene	8.454	146	64086	42.087	ng	94
15) Benzyl Alcohol	8.331	79	70941m	42.911	ng	
16) 2,2'-oxybis(1-Chloropr...	8.619	45	96140	40.953	ng	96
17) 2-Methylphenol	8.543	107	59316	45.377	ng	94
18) Hexachloroethane	9.189	117	23568	38.273	ng	94
19) n-Nitroso-di-n-propyla...	8.895	70	59216	41.737	ng	98
20) 3+4-Methylphenols	8.866	107	82511	44.694	ng	96
22) Acetophenone	8.918	105	99656	37.584	ng	98
24) Nitrobenzene	9.300	77	90215	40.954	ng	99
25) Isophorone	9.823	82	161537	42.173	ng	99
26) 2-Nitrophenol	10.017	139	36746	41.186	ng	97
27) 2,4-Dimethylphenol	10.076	122	63820	47.531	ng	94
28) bis(2-Chloroethoxy)met...	10.299	93	83661	37.977	ng	98
29) 2,4-Dichlorophenol	10.557	162	69138	42.665	ng	92
30) 1,2,4-Trichlorobenzene	10.769	180	70410	38.242	ng	96
31) Naphthalene	10.957	128	194310	39.428	ng	97
32) Benzoic acid	10.234	122	27243m	35.207	ng	
33) 4-Chloroaniline	11.069	127	69460	33.654	ng	97
34) Hexachlorobutadiene	11.245	225	50573	37.042	ng	98
35) Caprolactam	11.832	113	25099m	42.621	ng	
36) 4-Chloro-3-methylphenol	12.185	107	83804	43.234	ng	94
37) 2-Methylnaphthalene	12.555	142	144415	39.266	ng	99
38) 1-Methylnaphthalene	12.772	142	138830	38.689	ng	96
40) 1,2,4,5-Tetrachloroben...	12.925	216	92114	36.271	ng	99
41) Hexachlorocyclopentadiene	12.907	237	87176	83.802	ng	98
43) 2,4,6-Trichlorophenol	13.166	196	63500	38.306	ng	99

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44) 2,4,5-Trichlorophenol	13.242	196	68731	38.957	ng	99
46) 1,1'-Biphenyl	13.553	154	204603	37.256	ng	97
47) 2-Chloronaphthalene	13.600	162	159781	37.135	ng	98
48) 2-Nitroaniline	13.800	65	63894	39.853	ng	99
49) Acenaphthylene	14.446	152	274444	39.972	ng	100
50) Dimethylphthalate	14.170	163	232650	38.000	ng	99
51) 2,6-Dinitrotoluene	14.288	165	50558	40.533	ng	98
52) Acenaphthene	14.787	154	156055	38.139	ng	99
53) 3-Nitroaniline	14.623	138	44256	32.838	ng	93
54) 2,4-Dinitrophenol	14.834	184	58432	74.284	ng	95
55) Dibenzofuran	15.122	168	269010	36.602	ng	98
56) 4-Nitrophenol	14.940	139	81262	84.419	ng	89
57) 2,4-Dinitrotoluene	15.081	165	74404	41.153	ng	92
58) Fluorene	15.768	166	223147	37.835	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.351	232	69359	38.746	ng	99
60) Diethylphthalate	15.527	149	246736	39.015	ng	98
61) 4-Chlorophenyl-phenyle...	15.756	204	122927	37.351	ng	98
62) 4-Nitroaniline	15.786	138	55361m	39.604	ng	
63) Azobenzene	16.050	77	244150	37.701	ng	99
65) 4,6-Dinitro-2-methylph...	15.850	198	47136	39.682	ng	91
66) n-Nitrosodiphenylamine	15.968	169	205507	39.265	ng	99
67) 4-Bromophenyl-phenylether	16.649	248	90533	38.887	ng	96
68) Hexachlorobenzene	16.778	284	100380	39.369	ng	98
69) Atrazine	16.914	200	94665	42.964	ng	99
70) Pentachlorophenol	17.125	266	100009	73.251	ng	95
71) Phenanthrene	17.507	178	403834	39.840	ng	97
72) Anthracene	17.601	178	404048	40.554	ng	99
73) Carbazole	17.865	167	374819	38.386	ng	98
74) Di-n-butylphthalate	18.412	149	449647	40.945	ng	99
75) Fluoranthene	19.516	202	530797	40.443	ng	99
77) Benzidine	19.686	184	272656	60.642	ng	99
78) Pyrene	19.874	202	526728	39.006	ng	99
80) Butylbenzylphthalate	20.750	149	195444	39.469	ng	99
81) Benzo(a)anthracene	21.725	228	530470	39.870	ng	99
82) 3,3'-Dichlorobenzidine	21.637	252	144963	42.964	ng	97
83) Chrysene	21.795	228	480286	38.650	ng	99
84) Bis(2-ethylhexyl)phtha...	21.613	149	278463	40.743	ng	100
85) Di-n-octyl phthalate	22.841	149	473146	40.939	ng	99
87) Indeno(1,2,3-cd)pyrene	28.797	276	595434	39.066	ng	98
88) Benzo(b)fluoranthene	23.986	252	563651	43.514	ng	98
89) Benzo(k)fluoranthene	24.057	252	517757	40.676	ng	98
90) Benzo(a)pyrene	24.879	252	531219	48.182	ng	# 98
91) Dibenzo(a,h)anthracene	28.850	278	521684	41.538	ng	99
92) Benzo(g,h,i)perylene	29.966	276	519309	41.715	ng	96

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

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