

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054852.D
 Acq On : 6 Sep 2022 15:00
 Operator : CG/JU
 Sample : PB147433BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147433BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 04:54:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	44417	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	187824	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	129228	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	301056	20.000	ng	0.00
76) Chrysene-d12	21.825	240	271886	20.000	ng	0.00
86) Perylene-d12	25.198	264	291225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	350475	137.403	ng	0.00
7) Phenol-d6	7.301	99	467275	133.955	ng	0.00
23) Nitrobenzene-d5	9.322	82	273951	76.569	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	216312	133.957	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	679027	78.976	ng	0.00
79) Terphenyl-d14	20.127	244	1182214	86.155	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.523	88	38213	31.374	ng	96
3) Pyridine	3.934	79	105510	31.057	ng	96
4) n-Nitrosodimethylamine	3.852	42	55500	37.792	ng	93
6) Aniline	7.466	93	169600	40.921	ng	97
8) 2-Chlorophenol	7.712	128	140874	50.551	ng	98
9) Benzaldehyde	7.278	77	35881m	15.694	ng	
10) Phenol	7.330	94	172657	48.129	ng	96
11) bis(2-Chloroethyl)ether	7.560	93	126117	43.713	ng	96
12) 1,3-Dichlorobenzene	8.036	146	144210	44.716	ng	98
13) 1,4-Dichlorobenzene	8.182	146	143720	44.181	ng	97
14) 1,2-Dichlorobenzene	8.506	146	142822	46.303	ng	99
15) Benzyl Alcohol	8.388	79	118538m	47.037	ng	
16) 2,2'-oxybis(1-Chloropr...	8.670	45	180647	40.015	ng	98
17) 2-Methylphenol	8.594	107	120443	48.764	ng	99
18) Hexachloroethane	9.240	117	51576	43.724	ng	96
19) n-Nitroso-di-n-propyla...	8.952	70	103899	43.313	ng	# 95
20) 3+4-Methylphenols	8.923	107	166093	48.494	ng	97
22) Acetophenone	8.976	105	201381	42.856	ng	# 97
24) Nitrobenzene	9.369	77	146587	40.648	ng	95
25) Isophorone	9.886	82	291392	43.679	ng	99
26) 2-Nitrophenol	10.080	139	76788	48.204	ng	99
27) 2,4-Dimethylphenol	10.133	122	134168	53.158	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	176655	46.471	ng	100
29) 2,4-Dichlorophenol	10.621	162	137130	47.768	ng	98
30) 1,2,4-Trichlorobenzene	10.832	180	139898	42.643	ng	98
31) Naphthalene	11.026	128	422101	41.887	ng	100
32) Benzoic acid	10.321	122	23307m	18.635	ng	
33) 4-Chloroaniline	11.132	127	123148	29.975	ng	98
34) Hexachlorobutadiene	11.296	225	92148	43.840	ng	96
35) Caprolactam	11.913	113	49217m	48.595	ng	
36) 4-Chloro-3-methylphenol	12.248	107	147806	47.083	ng	98
37) 2-Methylnaphthalene	12.624	142	301699	42.716	ng	100
38) 1-Methylnaphthalene	12.842	142	287804	41.882	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	169882	43.610	ng	99
41) Hexachlorocyclopentadiene	12.959	237	165198	79.964	ng	98
43) 2,4,6-Trichlorophenol	13.224	196	111670	43.188	ng	99

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44) 2,4,5-Trichlorophenol	13.300	196	122191	42.080	ng	99
46) 1,1'-Biphenyl	13.617	154	412763	43.012	ng	99
47) 2-Chloronaphthalene	13.670	162	306130	42.004	ng	98
48) 2-Nitroaniline	13.870	65	97073	42.500	ng	91
49) Acenaphthylene	14.510	152	510895	42.480	ng	99
50) Dimethylphthalate	14.234	163	427255	42.915	ng	100
51) 2,6-Dinitrotoluene	14.358	165	92615	45.481	ng	86
52) Acenaphthene	14.851	154	353563m	45.766	ng	
53) 3-Nitroaniline	14.692	138	77978	34.207	ng	90
54) 2,4-Dinitrophenol	14.898	184	86718	75.837	ng	98
55) Dibenzofuran	15.180	168	489499	43.121	ng	99
56) 4-Nitrophenol	14.998	139	151264	85.746	ng	94
57) 2,4-Dinitrotoluene	15.145	165	133921	47.546	ng	85
58) Fluorene	15.832	166	409437	42.814	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	105805	40.421	ng	99
60) Diethylphthalate	15.586	149	429174	43.170	ng	98
61) 4-Chlorophenyl-phenylether	15.815	204	214372	45.440	ng	97
62) 4-Nitroaniline	15.856	138	102396	43.996	ng	96
63) Azobenzene	16.108	77	374713	39.660	ng	95
65) 4,6-Dinitro-2-methylph...	15.909	198	70006	45.682	ng	94
66) n-Nitrosodiphenylamine	16.032	169	376098	43.320	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	150585	45.558	ng	99
68) Hexachlorobenzene	16.831	284	171519	46.160	ng	96
69) Atrazine	16.972	200	145004	47.342	ng	98
70) Pentachlorophenol	17.178	266	141228	69.953	ng	96
71) Phenanthrene	17.571	178	676517	42.184	ng	99
72) Anthracene	17.665	178	685279	43.950	ng	99
73) Carbazole	17.936	167	637169	44.353	ng	100
74) Di-n-butylphthalate	18.470	149	768965	42.301	ng	99
75) Fluoranthene	19.581	202	810982	41.568	ng	98
77) Benzidine	19.751	184	382158	56.748	ng	99
78) Pyrene	19.939	202	821864	43.351	ng	99
80) Butylbenzylphthalate	20.809	149	328230	41.507	ng	95
81) Benzo(a)anthracene	21.802	228	785555	42.613	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	250165	38.705	ng	98
83) Chrysene	21.872	228	743697	42.193	ng	100
84) Bis(2-ethylhexyl)phtha...	21.684	149	477729	41.931	ng	# 97
85) Di-n-octyl phthalate	22.942	149	811441	41.997	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.087	276	937270	42.393	ng	99
88) Benzo(b)fluoranthene	24.123	252	817698	44.759	ng	99
89) Benzo(k)fluoranthene	24.193	252	820768	44.641	ng	98
90) Benzo(a)pyrene	25.039	252	734848	47.081	ng	99
91) Dibenzo(a,h)anthracene	29.158	278	823903	45.742	ng	99
92) Benzo(g,h,i)perylene	30.321	276	811800	44.613	ng	97

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

