

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053807.D
 Acq On : 3 Jun 2022 10:57
 Operator : CG/JU
 Sample : PB145265BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145265BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

Quant Time: Jun 03 13:28:43 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 02 23:22:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	28430	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	119684	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	89466	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	227930	20.000	ng	0.00
76) Chrysene-d12	21.736	240	234232	20.000	ng	# 0.00
86) Perylene-d12	25.003	264	228659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	212080	136.987	ng	0.00
7) Phenol-d6	7.241	99	271150	129.293	ng	0.00
23) Nitrobenzene-d5	9.251	82	171851	94.291	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	150584	138.660	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	458215	76.621	ng	0.00
79) Terphenyl-d14	20.068	244	978517	83.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	20055	26.790	ng	89
3) Pyridine	3.945	79	50111	27.617	ng	# 86
4) n-Nitrosodimethylamine	3.857	42	36725	44.825	ng	99
6) Aniline	7.412	93	100969	39.558	ng	98
8) 2-Chlorophenol	7.653	128	74954	47.295	ng	97
9) Benzaldehyde	7.224	77	45788	32.743	ng	83
10) Phenol	7.271	94	98940	45.657	ng	95
11) bis(2-Chloroethyl)ether	7.506	93	72214	42.368	ng	96
12) 1,3-Dichlorobenzene	7.982	146	82083	40.701	ng	92
13) 1,4-Dichlorobenzene	8.129	146	82710	40.327	ng	99
14) 1,2-Dichlorobenzene	8.446	146	81114	41.282	ng	97
15) Benzyl Alcohol	8.323	79	72063	45.907	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	118529	39.636	ng	99
17) 2-Methylphenol	8.522	107	65867	44.466	ng	92
18) Hexachloroethane	9.180	117	28036	41.314	ng	# 86
19) n-Nitroso-di-n-propyla...	8.898	70	61604	41.475	ng	93
20) 3+4-Methylphenols	8.851	107	90574	45.005	ng	95
22) Acetophenone	8.910	105	116616	39.459	ng	# 97
24) Nitrobenzene	9.292	77	85401	42.520	ng	# 90
25) Isophorone	9.821	82	170192	41.663	ng	96
26) 2-Nitrophenol	10.009	139	33069	49.991	ng	# 87
27) 2,4-Dimethylphenol	10.062	122	72968	49.688	ng	91
28) bis(2-Chloroethoxy)met...	10.297	93	96936	43.669	ng	99
29) 2,4-Dichlorophenol	10.543	162	82694	46.884	ng	90
30) 1,2,4-Trichlorobenzene	10.761	180	88519	39.652	ng	95
31) Naphthalene	10.955	128	232696	37.988	ng	98
32) Benzoic acid	10.179	122	46882	49.875	ng	# 85
33) 4-Chloroaniline	11.049	127	76771	30.231	ng	93
34) Hexachlorobutadiene	11.249	225	62236	39.351	ng	94
35) Caprolactam	11.818	113	25393m	50.373	ng	
36) 4-Chloro-3-methylphenol	12.159	107	84843	45.196	ng	87
37) 2-Methylnaphthalene	12.547	142	170461	38.360	ng	95
38) 1-Methylnaphthalene	12.770	142	164117	37.767	ng	98
40) 1,2,4,5-Tetrachloroben...	12.917	216	115396	38.411	ng	97
41) Hexachlorocyclopentadiene	12.905	237	130517	85.466	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	74707	45.852	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	83183	45.885	ng	97
46) 1,1'-Biphenyl	13.552	154	241605	37.892	ng	99
47) 2-Chloronaphthalene	13.593	162	187368	37.772	ng	98
48) 2-Nitroaniline	13.787	65	56212	44.907	ng	91
49) Acenaphthylene	14.439	152	315935	39.701	ng	99
50) Dimethylphthalate	14.163	163	264157	40.289	ng	100
51) 2,6-Dinitrotoluene	14.280	165	53886	46.042	ng	# 81
52) Acenaphthene	14.780	154	209057	41.349	ng	99
53) 3-Nitroaniline	14.603	138	46840	37.576	ng	92
54) 2,4-Dinitrophenol	14.809	184	55149	94.036	ng	# 78
55) Dibenzofuran	15.115	168	305531	37.908	ng	95
56) 4-Nitrophenol	14.903	139	93281	88.688	ng	# 86
57) 2,4-Dinitrotoluene	15.062	165	76142	47.622	ng	# 96
58) Fluorene	15.761	166	249172	37.338	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.332	232	80645	41.181	ng	96
60) Diethylphthalate	15.526	149	268548	40.443	ng	97
61) 4-Chlorophenyl-phenyle...	15.749	204	143355	39.846	ng	94
62) 4-Nitroaniline	15.767	138	57076	41.759	ng	# 74
63) Azobenzene	16.043	77	231648	37.283	ng	93
65) 4,6-Dinitro-2-methylph...	15.825	198	37118	43.170	ng	89
66) n-Nitrosodiphenylamine	15.961	169	237910	39.252	ng	97
67) 4-Bromophenyl-phenylether	16.642	248	96416	38.932	ng	95
68) Hexachlorobenzene	16.766	284	108477	39.297	ng	97
69) Atrazine	16.907	200	104785	44.155	ng	94
70) Pentachlorophenol	17.106	266	138493	78.946	ng	98
71) Phenanthrene	17.500	178	450021	37.510	ng	98
72) Anthracene	17.588	178	453043	38.584	ng	99
73) Carbazole	17.853	167	413319	38.997	ng	99
74) Di-n-butylphthalate	18.417	149	493098	40.459	ng	# 98
75) Fluoranthene	19.504	202	582697	37.446	ng	95
77) Benzidine	19.680	184	222516	38.850	ng	98
78) Pyrene	19.868	202	588437	39.503	ng	98
80) Butylbenzylphthalate	20.755	149	208044	42.824	ng	92
81) Benzo(a)anthracene	21.713	228	600586	38.622	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	198998	45.403	ng	99
83) Chrysene	21.783	228	553722	37.724	ng	97
84) Bis(2-ethylhexyl)phtha...	21.630	149	304107	43.531	ng	95
85) Di-n-octyl phthalate	22.864	149	523047	45.022	ng	98
87) Indeno(1,2,3-cd)pyrene	28.734	276	679521	40.318	ng	# 97
88) Benzo(b)fluoranthene	23.963	252	616773m	43.447	ng	
89) Benzo(k)fluoranthene	24.039	252	594343	42.357	ng	99
90) Benzo(a)pyrene	24.850	252	593207	49.410	ng	# 99
91) Dibenzo(a,h)anthracene	28.804	278	594723	42.702	ng	98
92) Benzo(g,h,i)perylene	29.909	276	585584	42.656	ng	95

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

