

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057210.D
 Acq On : 28 Apr 2023 3:01
 Operator : CG/JU
 Sample : PB152410BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:59:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	16206	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	67011	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	53057	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	135679	20.000	ng	0.00
76) Chrysene-d12	22.043	240	121853	20.000	ng	0.00
86) Perylene-d12	25.556	264	127322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.894	112	117101	123.605	ng	0.00
7) Phenol-d6	7.521	99	174738	121.461	ng	0.00
23) Nitrobenzene-d5	9.560	82	105475	66.062	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	84594	112.369	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	272720	69.227	ng	0.00
79) Terphenyl-d14	20.298	244	498644	66.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.691	88	16700	42.633	ng	97
3) Pyridine	4.114	79	46242	36.733	ng	95
4) n-Nitrosodimethylamine	4.020	42	24828	41.969	ng	94
6) Aniline	7.692	93	69300	37.972	ng	98
8) 2-Chlorophenol	7.938	128	48834	48.782	ng	94
9) Benzaldehyde	7.504	77	34659	46.575	ng	95
10) Phenol	7.551	94	70557	50.311	ng	99
11) bis(2-Chloroethyl)ether	7.780	93	45467	42.995	ng	98
12) 1,3-Dichlorobenzene	8.267	146	53013	47.981	ng	98
13) 1,4-Dichlorobenzene	8.414	146	53181	47.919	ng	92
14) 1,2-Dichlorobenzene	8.743	146	49711	46.399	ng	97
15) Benzyl Alcohol	8.614	79	55848	46.599	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.890	45	60072m	45.069	ng	
17) 2-Methylphenol	8.819	107	48215	47.694	ng	98
18) Hexachloroethane	9.477	117	18594	46.426	ng	95
19) n-Nitroso-di-n-propyla...	9.184	70	45177	41.183	ng	96
20) 3+4-Methylphenols	9.143	107	65573	47.371	ng	95
22) Acetophenone	9.207	105	80075	41.750	ng	97
24) Nitrobenzene	9.601	77	66121	41.031	ng	97
25) Isophorone	10.118	82	124759	40.297	ng	99
26) 2-Nitrophenol	10.317	139	28223	45.754	ng	99
27) 2,4-Dimethylphenol	10.359	122	52886	48.964	ng	95
28) bis(2-Chloroethoxy)met...	10.594	93	65721	42.373	ng	99
29) 2,4-Dichlorophenol	10.858	162	55826	48.731	ng	96
30) 1,2,4-Trichlorobenzene	11.075	180	56761	42.958	ng	96
31) Naphthalene	11.269	128	153207	42.766	ng	98
32) Benzoic acid	10.511	122	29062	46.792	ng	90
33) 4-Chloroaniline	11.369	127	48260	29.997	ng	97
34) Hexachlorobutadiene	11.539	225	40217	41.019	ng	97
35) Caprolactam	12.139	113	18275m	46.701	ng	
36) 4-Chloro-3-methylphenol	12.462	107	63795	49.003	ng	99
37) 2-Methylnaphthalene	12.843	142	117310	41.648	ng	96
38) 1-Methylnaphthalene	13.061	142	111019	41.817	ng	97
40) 1,2,4,5-Tetrachloroben...	13.208	216	80950	42.977	ng	99
41) Hexachlorocyclopentadiene	13.178	237	89032	96.895	ng	97
43) 2,4,6-Trichlorophenol	13.437	196	53483	46.607	ng	97

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44) 2,4,5-Trichlorophenol	13.513	196	57863	42.867	ng	97
46) 1,1'-Biphenyl	13.830	154	175189	44.498	ng	99
47) 2-Chloronaphthalene	13.883	162	130971	44.735	ng	99
48) 2-Nitroaniline	14.077	65	44712	44.916	ng	94
49) Acenaphthylene	14.723	152	212464	44.670	ng	98
50) Dimethylphthalate	14.430	163	185671	42.585	ng	99
51) 2,6-Dinitrotoluene	14.559	165	40612	45.621	ng	93
52) Acenaphthene	15.058	154	130518	43.914	ng	98
53) 3-Nitroaniline	14.894	138	27190	30.488	ng	90
54) 2,4-Dinitrophenol	15.099	184	49755	89.622	ng	95
55) Dibenzofuran	15.387	168	218243	43.703	ng	100
56) 4-Nitrophenol	15.193	139	59767	100.763	ng	97
57) 2,4-Dinitrotoluene	15.340	165	57466	45.169	ng	98
58) Fluorene	16.033	166	182260	44.309	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.610	232	56797m	46.411	ng	
60) Diethylphthalate	15.775	149	191239	43.191	ng	99
61) 4-Chlorophenyl-phenyle...	16.010	204	107072	43.209	ng	95
62) 4-Nitroaniline	16.051	138	39073	43.430	ng	97
63) Azobenzene	16.303	77	183120	42.864	ng	98
65) 4,6-Dinitro-2-methylph...	16.110	198	37897	46.783	ng	99
66) n-Nitrosodiphenylamine	16.227	169	160185	43.469	ng	99
67) 4-Bromophenyl-phenylether	16.903	248	69831	42.161	ng	94
68) Hexachlorobenzene	17.038	284	75563	46.947	ng	98
69) Atrazine	17.155	200	70990	50.501	ng	98
70) Pentachlorophenol	17.378	266	79442	85.642	ng	99
71) Phenanthrene	17.772	178	308108	44.317	ng	99
72) Anthracene	17.866	178	311053	43.603	ng	98
73) Carbazole	18.130	167	266535	44.380	ng	97
74) Di-n-butylphthalate	18.647	149	302329	43.753	ng	99
75) Fluoranthene	19.763	202	370643	42.864	ng	100
77) Benzidine	19.928	184	205735	75.521	ng	99
78) Pyrene	20.122	202	369641	41.746	ng	98
80) Butylbenzylphthalate	20.974	149	120773	42.987	ng	100
81) Benzo(a)anthracene	22.019	228	371385	42.778	ng	98
82) 3,3'-Dichlorobenzidine	21.914	252	88138	31.696	ng	99
83) Chrysene	22.090	228	341933	41.860	ng	99
84) Bis(2-ethylhexyl)phtha...	21.867	149	177695	42.748	ng	100
85) Di-n-octyl phthalate	23.165	149	302291	43.621	ng	99
87) Indeno(1,2,3-cd)pyrene	29.615	276	413860	44.600	ng	99
88) Benzo(b)fluoranthene	24.428	252	382937	46.010	ng	99
89) Benzo(k)fluoranthene	24.504	252	367500	43.452	ng	99
90) Benzo(a)pyrene	25.385	252	331309	40.745	ng	98
91) Dibenzo(a,h)anthracene	29.668	278	345390	44.694	ng	99
92) Benzo(g,h,i)perylene	30.895	276	332453	44.059	ng	99

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

