

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057738.D
 Acq On : 16 Jun 2023 17:19
 Operator : CG/JU
 Sample : PB153486BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153486BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:57:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	27481	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	135706	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	99288	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	237026	20.000	ng	0.00
76) Chrysene-d12	21.566	240	195027	20.000	ng	0.00
86) Perylene-d12	24.721	264	245217	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	285805	169.344	ng	0.00
7) Phenol-d6	7.089	99	415652	160.314	ng	0.00
23) Nitrobenzene-d5	9.092	82	238986	105.173	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	193428	174.619	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	590213	88.608	ng	0.00
79) Terphenyl-d14	19.927	244	1044741	99.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	25891	30.133	ng	93
3) Pyridine	3.798	79	76983	31.650	ng	88
4) n-Nitrosodimethylamine	3.716	42	48913	41.231	ng	94
6) Aniline	7.259	93	143910	42.305	ng	97
8) 2-Chlorophenol	7.494	128	99232	61.324	ng	94
9) Benzaldehyde	7.065	77	45573m	28.517	ng	
10) Phenol	7.118	94	144904	57.195	ng	98
11) bis(2-Chloroethyl)ether	7.353	93	95613	48.150	ng	99
12) 1,3-Dichlorobenzene	7.823	146	90511	48.354	ng	97
13) 1,4-Dichlorobenzene	7.964	146	92846	50.028	ng	97
14) 1,2-Dichlorobenzene	8.287	146	89860	49.833	ng	99
15) Benzyl Alcohol	8.164	79	104976	52.866	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.464	45	195681m	45.257	ng	
17) 2-Methylphenol	8.370	107	100335	53.818	ng	96
18) Hexachloroethane	9.016	117	33340	58.132	ng	99
19) n-Nitroso-di-n-propyla...	8.740	70	90539	48.295	ng	94
20) 3+4-Methylphenols	8.699	107	138475	54.323	ng	96
22) Acetophenone	8.751	105	168408	42.717	ng	# 95
24) Nitrobenzene	9.133	77	117739	48.113	ng	97
25) Isophorone	9.656	82	263963	41.965	ng	99
26) 2-Nitrophenol	9.844	139	45794	63.794	ng	# 90
27) 2,4-Dimethylphenol	9.903	122	108087	51.461	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	148442	45.398	ng	97
29) 2,4-Dichlorophenol	10.379	162	103600	58.147	ng	97
30) 1,2,4-Trichlorobenzene	10.596	180	105103	45.387	ng	97
31) Naphthalene	10.784	128	315573	43.268	ng	98
32) Benzoic acid	10.032	122	84468m	102.913	ng	
33) 4-Chloroaniline	10.890	127	92877	27.352	ng	98
34) Hexachlorobutadiene	11.072	225	62961	43.235	ng	98
35) Caprolactam	11.660	113	40143m	54.617	ng	
36) 4-Chloro-3-methylphenol	12.012	107	132858	52.635	ng	99
37) 2-Methylnaphthalene	12.394	142	227279	42.121	ng	97
38) 1-Methylnaphthalene	12.612	142	214653	42.405	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	123966	44.106	ng	98
41) Hexachlorocyclopentadiene	12.741	237	160992	150.179	ng	95
43) 2,4,6-Trichlorophenol	12.994	196	96166	52.529	ng	98

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44) 2,4,5-Trichlorophenol	13.064	196	105072	48.787	ng	98
46) 1,1'-Biphenyl	13.405	154	309624	45.135	ng	98
47) 2-Chloronaphthalene	13.446	162	240991	46.479	ng	98
48) 2-Nitroaniline	13.646	65	87815	58.025	ng	96
49) Acenaphthylene	14.292	152	399705	44.452	ng	100
50) Dimethylphthalate	14.022	163	341860	46.959	ng	99
51) 2,6-Dinitrotoluene	14.139	165	68842	59.577	ng	87
52) Acenaphthene	14.633	154	273177m	50.683	ng	
53) 3-Nitroaniline	14.468	138	54237	44.453	ng	# 88
54) 2,4-Dinitrophenol	14.674	184	71728	122.406	ng	98
55) Dibenzofuran	14.968	168	396943	43.874	ng	98
56) 4-Nitrophenol	14.768	139	129563	103.920	ng	90
57) 2,4-Dinitrotoluene	14.927	165	95408	62.453	ng	92
58) Fluorene	15.614	166	315652	43.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.185	232	97521	53.986	ng	99
60) Diethylphthalate	15.391	149	357116	47.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	169487	43.896	ng	99
62) 4-Nitroaniline	15.632	138	74848	53.598	ng	92
63) Azobenzene	15.902	77	352542	43.630	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	51223	74.332	ng	93
66) n-Nitrosodiphenylamine	15.820	169	287841	46.455	ng	98
67) 4-Bromophenyl-phenylether	16.501	248	113425	46.996	ng	96
68) Hexachlorobenzene	16.613	284	123994	49.160	ng	99
69) Atrazine	16.771	200	105702	51.275	ng	97
70) Pentachlorophenol	16.959	266	166324	109.839	ng	98
71) Phenanthrene	17.353	178	523065	45.224	ng	99
72) Anthracene	17.441	178	540734	46.149	ng	100
73) Carbazole	17.712	167	504553	46.497	ng	99
74) Di-n-butylphthalate	18.276	149	624093	51.888	ng	98
75) Fluoranthene	19.363	202	627816	45.058	ng	99
77) Benzidine	19.545	184	222597	47.878	ng	98
78) Pyrene	19.727	202	642237	46.283	ng	99
80) Butylbenzylphthalate	20.620	149	270036	53.001	ng	98
81) Benzo(a)anthracene	21.548	228	626510	46.517	ng	100
82) 3,3'-Dichlorobenzidine	21.466	252	221308	50.446	ng	99
83) Chrysene	21.613	228	589908	46.022	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	387253	56.646	ng	98
85) Di-n-octyl phthalate	22.659	149	702008	59.553	ng	97
87) Indeno(1,2,3-cd)pyrene	28.328	276	774821	48.834	ng	99
88) Benzo(b)fluoranthene	23.728	252	666073	50.070	ng	100
89) Benzo(k)fluoranthene	23.793	252	647191	46.909	ng	97
90) Benzo(a)pyrene	24.580	252	590253	45.128	ng	99
91) Dibenzo(a,h)anthracene	28.393	278	643405	49.072	ng	98
92) Benzo(g,h,i)perylene	29.457	276	622654	47.579	ng	97

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

