

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053849.D
 Acq On : 8 Jun 2022 12:31
 Operator : CG/JU
 Sample : PB145399BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145399BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 02:29:16 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	8.095	152	36441	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	151844	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	109619	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	272381	20.000	ng	0.00
76) Chrysene-d12	21.732	240	283069	20.000	ng	0.00
86) Perylene-d12	25.004	264	275241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	259575	130.806	ng	0.00
7) Phenol-d6	7.249	99	323770	120.445	ng	0.01
23) Nitrobenzene-d5	9.252	82	215504	93.199	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	196980	148.036	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	561754	76.664	ng	0.00
79) Terphenyl-d14	20.063	244	1126917	79.200	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	20567	21.434	ng	95
3) Pyridine	3.947	79	54606	23.478	ng	92
4) n-Nitrosodimethylamine	3.858	42	41986	39.981	ng	94
6) Aniline	7.413	93	121577	37.161	ng	99
8) 2-Chlorophenol	7.654	128	94005	46.277	ng	95
9) Benzaldehyde	7.225	77	54596	30.459	ng	81
10) Phenol	7.278	94	116336	41.883	ng	96
11) bis(2-Chloroethyl)ether	7.507	93	87067	39.852	ng	94
12) 1,3-Dichlorobenzene	7.983	146	99908	38.649	ng	91
13) 1,4-Dichlorobenzene	8.130	146	103901	39.523	ng	96
14) 1,2-Dichlorobenzene	8.447	146	101089	40.138	ng	95
15) Benzyl Alcohol	8.324	79	87901	43.687	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.618	45	131146	34.214	ng	99
17) 2-Methylphenol	8.529	107	78717	41.459	ng	91
18) Hexachloroethane	9.182	117	35682	41.022	ng	# 85
19) n-Nitroso-di-n-propyla...	8.900	70	72319	37.985	ng	95
20) 3+4-Methylphenols	8.858	107	109061	42.278	ng	96
22) Acetophenone	8.911	105	140117	37.370	ng	# 95
24) Nitrobenzene	9.293	77	103962	40.919	ng	# 87
25) Isophorone	9.822	82	200577	38.701	ng	96
26) 2-Nitrophenol	10.010	139	51277	60.472	ng	# 81
27) 2,4-Dimethylphenol	10.063	122	86238	46.286	ng	90
28) bis(2-Chloroethoxy)met...	10.298	93	117008	41.547	ng	# 97
29) 2,4-Dichlorophenol	10.545	162	102352	45.739	ng	94
30) 1,2,4-Trichlorobenzene	10.762	180	118965	42.004	ng	96
31) Naphthalene	10.956	128	281997	36.287	ng	99
32) Benzoic acid	10.222	122	39179	36.181	ng	# 82
33) 4-Chloroaniline	11.050	127	87258	27.083	ng	93
34) Hexachlorobutadiene	11.244	225	85008	42.366	ng	98
35) Caprolactam	11.826	113	30782m	48.130	ng	
36) 4-Chloro-3-methylphenol	12.166	107	100423	42.166	ng	87
37) 2-Methylnaphthalene	12.554	142	206358	36.603	ng	97
38) 1-Methylnaphthalene	12.772	142	196218	35.591	ng	99
40) 1,2,4,5-Tetrachloroben...	12.918	216	150658	40.928	ng	97
41) Hexachlorocyclopentadiene	12.901	237	165403	88.398	ng	97
43) 2,4,6-Trichlorophenol	13.153	196	93775	46.973	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053849.D
 Acq On : 8 Jun 2022 12:31
 Operator : CG/JU
 Sample : PB145399BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145399BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 02:29:16 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)
44) 2,4,5-Trichlorophenol	13.224	196	101224	45.572	ng	# 94
46) 1,1'-Biphenyl	13.553	154	287436	36.792	ng	99
47) 2-Chloronaphthalene	13.594	162	229419	37.746	ng	97
48) 2-Nitroaniline	13.788	65	68250	44.546	ng	87
49) Acenaphthylene	14.440	152	372991	38.253	ng	99
50) Dimethylphthalate	14.164	163	309560	38.534	ng	99
51) 2,6-Dinitrotoluene	14.282	165	68459	47.591	ng	# 78
52) Acenaphthene	14.781	154	253016	40.843	ng	98
53) 3-Nitroaniline	14.611	138	56110	36.821	ng	88
54) 2,4-Dinitrophenol	14.816	184	74924	103.787	ng	# 77
55) Dibenzofuran	15.110	168	362030	36.660	ng	95
56) 4-Nitrophenol	14.910	139	104206	81.268	ng	# 86
57) 2,4-Dinitrotoluene	15.063	165	97455	49.550	ng	87
58) Fluorene	15.762	166	291434	35.642	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.333	232	97844	40.798	ng	# 92
60) Diethylphthalate	15.527	149	310640	38.181	ng	97
61) 4-Chlorophenyl-phenyle...	15.750	204	177194	40.197	ng	91
62) 4-Nitroaniline	15.774	138	66314	39.718	ng	# 75
63) Azobenzene	16.044	77	250331	32.883	ng	90
65) 4,6-Dinitro-2-methylph...	15.833	198	54875	52.078	ng	85
66) n-Nitrosodiphenylamine	15.962	169	273892	37.814	ng	95
67) 4-Bromophenyl-phenylether	16.643	248	127723	43.157	ng	94
68) Hexachlorobenzene	16.767	284	139624	42.326	ng	93
69) Atrazine	16.908	200	123945	43.706	ng	94
70) Pentachlorophenol	17.108	266	155467	74.451	ng	98
71) Phenanthrene	17.501	178	515142	35.931	ng	98
72) Anthracene	17.589	178	516058	36.778	ng	99
73) Carbazole	17.854	167	461624	36.447	ng	98
74) Di-n-butylphthalate	18.412	149	548847	37.684	ng	# 97
75) Fluoranthene	19.505	202	663872	35.700	ng	96
77) Benzidine	19.675	184	224995	32.505	ng	97
78) Pyrene	19.863	202	670886	37.268	ng	98
80) Butylbenzylphthalate	20.750	149	233331	39.743	ng	88
81) Benzo(a)anthracene	21.714	228	693036	36.878	ng	98
82) 3,3'-Dichlorobenzidine	21.626	252	238859	45.095	ng	98
83) Chrysene	21.784	228	637169	35.920	ng	98
84) Bis(2-ethylhexyl)phtha...	21.620	149	336318	39.836	ng	95
85) Di-n-octyl phthalate	22.854	149	581579	41.423	ng	95
87) Indeno(1,2,3-cd)pyrene	28.741	276	796172	39.244	ng	# 98
88) Benzo(b)fluoranthene	23.964	252	727829	42.594	ng	99
89) Benzo(k)fluoranthene	24.035	252	675493	39.993	ng	100
90) Benzo(a)pyrene	24.851	252	692114	47.892	ng	99
91) Dibenzo(a,h)anthracene	28.812	278	704939	42.049	ng	99
92) Benzo(g,h,i)perylene	29.910	276	692491	41.906	ng	96

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

