

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054896.D
 Acq On : 9 Sep 2022 14:01
 Operator : CG/JU
 Sample : PB147554BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147554BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 01:56:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	50483	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	209938	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	143792	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	326015	20.000	ng	0.00
76) Chrysene-d12	21.830	240	303118	20.000	ng	0.00
86) Perylene-d12	25.208	264	310871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	390807	134.805	ng	0.00
7) Phenol-d6	7.300	99	500859	126.330	ng	0.00
23) Nitrobenzene-d5	9.321	82	295149	73.804	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	233349	129.871	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	730185	76.324	ng	0.00
79) Terphenyl-d14	20.126	244	1215991	79.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.510	88	36355	26.262	ng	95
3) Pyridine	3.921	79	102547	26.558	ng	93
4) n-Nitrosodimethylamine	3.839	42	56174	33.655	ng	83
6) Aniline	7.464	93	198019	42.037	ng	95
8) 2-Chlorophenol	7.705	128	148563	46.904	ng	97
9) Benzaldehyde	7.270	77	92710m	35.678	ng	
10) Phenol	7.329	94	181690	44.562	ng	96
11) bis(2-Chloroethyl)ether	7.553	93	132822	40.505	ng	96
12) 1,3-Dichlorobenzene	8.028	146	152167	41.514	ng	97
13) 1,4-Dichlorobenzene	8.175	146	153381	41.485	ng	97
14) 1,2-Dichlorobenzene	8.498	146	150800	43.015	ng	98
15) Benzyl Alcohol	8.381	79	123553m	43.136	ng	
16) 2,2'-oxybis(1-Chloropr...	8.669	45	178729	34.833	ng	95
17) 2-Methylphenol	8.587	107	125583	44.736	ng	97
18) Hexachloroethane	9.233	117	52914	39.468	ng	94
19) n-Nitroso-di-n-propyla...	8.951	70	105075	38.540	ng	# 93
20) 3+4-Methylphenols	8.921	107	171672	44.101	ng	97
22) Acetophenone	8.974	105	214558	40.851	ng	# 96
24) Nitrobenzene	9.362	77	152688	37.880	ng	95
25) Isophorone	9.885	82	297844	39.944	ng	98
26) 2-Nitrophenol	10.079	139	81591	45.824	ng	98
27) 2,4-Dimethylphenol	10.126	122	134234	47.582	ng	96
28) bis(2-Chloroethoxy)met...	10.361	93	182589	42.973	ng	99
29) 2,4-Dichlorophenol	10.620	162	143415	44.695	ng	98
30) 1,2,4-Trichlorobenzene	10.831	180	149177	40.682	ng	98
31) Naphthalene	11.019	128	442339	39.271	ng	99
32) Benzoic acid	10.343	122	20738m	16.426	ng	
33) 4-Chloroaniline	11.131	127	160003	34.844	ng	97
34) Hexachlorobutadiene	11.289	225	99645	42.413	ng	98
35) Caprolactam	11.918	113	48373m	42.731	ng	
36) 4-Chloro-3-methylphenol	12.247	107	150928	43.013	ng	97
37) 2-Methylnaphthalene	12.617	142	316790	40.128	ng	99
38) 1-Methylnaphthalene	12.835	142	300096	39.071	ng	96
40) 1,2,4,5-Tetrachloroben...	12.981	216	183852	42.416	ng	98
41) Hexachlorocyclopentadiene	12.952	237	131835	57.351	ng	97
43) 2,4,6-Trichlorophenol	13.222	196	110889	38.543	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054896.D
 Acq On : 9 Sep 2022 14:01
 Operator : CG/JU
 Sample : PB147554BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147554BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 01:56:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	122685	37.971	ng	97
46) 1,1'-Biphenyl	13.616	154	424722	39.775	ng	98
47) 2-Chloronaphthalene	13.663	162	313532	38.662	ng	99
48) 2-Nitroaniline	13.869	65	95975	37.763	ng	90
49) Acenaphthylene	14.509	152	520934	38.927	ng	99
50) Dimethylphthalate	14.233	163	428745	38.703	ng	99
51) 2,6-Dinitrotoluene	14.356	165	94248	41.595	ng	# 86
52) Acenaphthene	14.850	154	353970m	41.178	ng	
53) 3-Nitroaniline	14.691	138	90010	35.486	ng	94
54) 2,4-Dinitrophenol	14.903	184	81932	65.406	ng	97
55) Dibenzofuran	15.179	168	497326	39.373	ng	99
56) 4-Nitrophenol	15.008	139	136465	69.522	ng	91
57) 2,4-Dinitrotoluene	15.144	165	134746	42.994	ng	84
58) Fluorene	15.825	166	414618	38.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.408	232	107979	37.073	ng	95
60) Diethylphthalate	15.584	149	421140	38.071	ng	96
61) 4-Chlorophenyl-phenyle...	15.813	204	218791	41.680	ng	97
62) 4-Nitroaniline	15.860	138	101337	39.131	ng	95
63) Azobenzene	16.107	77	368926	35.093	ng	94
65) 4,6-Dinitro-2-methylph...	15.907	198	69656	41.974	ng	95
66) n-Nitrosodiphenylamine	16.031	169	378209	40.228	ng	100
67) 4-Bromophenyl-phenylether	16.706	248	155762	43.516	ng	97
68) Hexachlorobenzene	16.830	284	174332	43.325	ng	95
69) Atrazine	16.977	200	150013	45.228	ng	98
70) Pentachlorophenol	17.182	266	148097	67.739	ng	98
71) Phenanthrene	17.576	178	675261	38.882	ng	100
72) Anthracene	17.664	178	677484	40.124	ng	99
73) Carbazole	17.934	167	633328	40.711	ng	99
74) Di-n-butylphthalate	18.469	149	749167	38.057	ng	99
75) Fluoranthene	19.580	202	831588	39.361	ng	98
77) Benzidine	19.756	184	467747	62.301	ng	99
78) Pyrene	19.944	202	838457	39.669	ng	99
80) Butylbenzylphthalate	20.808	149	328078	37.213	ng	95
81) Benzo(a)anthracene	21.806	228	809172	39.371	ng	100
82) 3,3'-Dichlorobenzidine	21.712	252	281456	39.060	ng	97
83) Chrysene	21.877	228	758490	38.598	ng	99
84) Bis(2-ethylhexyl)phtha...	21.677	149	479212	37.727	ng	100
85) Di-n-octyl phthalate	22.940	149	799089	37.096	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.110	276	962948	40.802	ng	# 95
88) Benzo(b)fluoranthene	24.127	252	843451	43.251	ng	97
89) Benzo(k)fluoranthene	24.204	252	836676	42.631	ng	98
90) Benzo(a)pyrene	25.056	252	752646	45.174	ng	98
91) Dibenzo(a,h)anthracene	29.186	278	831814	43.263	ng	99
92) Benzo(g,h,i)perylene	30.349	276	830086	42.735	ng	96

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

