

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055097.D
 Acq On : 7 Oct 2022 13:12
 Operator : CG/JU
 Sample : PB148146BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Quant Time: Oct 08 03:08:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	24741	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	110608	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	85568	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	227126	20.000	ng	0.00
76) Chrysene-d12	21.972	240	224876	20.000	ng	0.00
86) Perylene-d12	25.421	264	239334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	194330	174.461	ng	0.00
7) Phenol-d6	7.465	99	262673	157.387	ng	0.00
23) Nitrobenzene-d5	9.504	82	162469	87.771	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	167625	185.679	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	426244	77.765	ng	0.00
79) Terphenyl-d14	20.250	244	965231	86.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	20525	32.567	ng	92
3) Pyridine	4.099	79	56271	29.691	ng	93
4) n-Nitrosodimethylamine	4.005	42	40556	37.419	ng	# 95
6) Aniline	7.647	93	96399	39.476	ng	97
8) 2-Chlorophenol	7.888	128	73642	57.477	ng	96
9) Benzaldehyde	7.459	77	47280	35.264	ng	97
10) Phenol	7.489	94	96965	51.127	ng	95
11) bis(2-Chloroethyl)ether	7.741	93	63377	40.772	ng	97
12) 1,3-Dichlorobenzene	8.223	146	76203	43.209	ng	95
13) 1,4-Dichlorobenzene	8.370	146	76562	42.898	ng	98
14) 1,2-Dichlorobenzene	8.693	146	75950	43.801	ng	98
15) Benzyl Alcohol	8.564	79	78201	52.167	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.858	45	108852	36.970	ng	97
17) 2-Methylphenol	8.764	107	68529	51.286	ng	94
18) Hexachloroethane	9.440	117	26373	46.602	ng	93
19) n-Nitroso-di-n-propyla...	9.140	70	61505	38.044	ng	# 96
20) 3+4-Methylphenols	9.087	107	95085	51.097	ng	99
22) Acetophenone	9.163	105	115906	41.322	ng	# 96
24) Nitrobenzene	9.551	77	89513	44.536	ng	91
25) Isophorone	10.074	82	171328	43.549	ng	97
26) 2-Nitrophenol	10.262	139	42327	72.126	ng	# 87
27) 2,4-Dimethylphenol	10.309	122	79892	59.239	ng	99
28) bis(2-Chloroethoxy)met...	10.550	93	91378	45.392	ng	# 98
29) 2,4-Dichlorophenol	10.797	162	83342	50.324	ng	97
30) 1,2,4-Trichlorobenzene	11.026	180	79152	40.975	ng	95
31) Naphthalene	11.220	128	233083	39.927	ng	99
32) Benzoic acid	10.415	122	60530	63.542	ng	94
33) 4-Chloroaniline	11.314	127	79157	32.792	ng	95
34) Hexachlorobutadiene	11.496	225	52257	41.719	ng	99
35) Caprolactam	12.066	113	33284m	63.441	ng	
36) 4-Chloro-3-methylphenol	12.401	107	96567	51.071	ng	96
37) 2-Methylnaphthalene	12.794	142	175374	40.765	ng	97
38) 1-Methylnaphthalene	13.012	142	170508	40.747	ng	100
40) 1,2,4,5-Tetrachloroben...	13.153	216	104875	41.977	ng	99
41) Hexachlorocyclopentadiene	13.135	237	135529	125.974	ng	97
43) 2,4,6-Trichlorophenol	13.382	196	78590	51.353	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	88728	51.359	ng	98
46) 1,1'-Biphenyl	13.781	154	246973	42.096	ng	99
47) 2-Chloronaphthalene	13.828	162	192154	40.646	ng	100
48) 2-Nitroaniline	14.022	65	70721	52.726	ng	96
49) Acenaphthylene	14.669	152	327506	41.835	ng	99
50) Dimethylphthalate	14.387	163	291220	50.144	ng	99
51) 2,6-Dinitrotoluene	14.504	165	62104	51.896	ng	# 83
52) Acenaphthene	15.009	154	235141	48.375	ng	98
53) 3-Nitroaniline	14.833	138	54736	40.057	ng	93
54) 2,4-Dinitrophenol	15.033	184	79225	146.761	ng	# 47
55) Dibenzofuran	15.338	168	329075	42.433	ng	99
56) 4-Nitrophenol	15.121	139	118738	109.535	ng	95
57) 2,4-Dinitrotoluene	15.280	165	89991	54.855	ng	90
58) Fluorene	15.979	166	267212	43.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	84845	53.011	ng	98
60) Diethylphthalate	15.738	149	308874	51.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.967	204	149042	44.181	ng	99
62) 4-Nitroaniline	15.991	138	71820	51.405	ng	97
63) Azobenzene	16.261	77	262682	38.920	ng	96
65) 4,6-Dinitro-2-methylph...	16.044	198	52427	61.928	ng	96
66) n-Nitrosodiphenylamine	16.179	169	252239	42.644	ng	97
67) 4-Bromophenyl-phenylether	16.860	248	104045	43.315	ng	95
68) Hexachlorobenzene	16.978	284	118758	42.763	ng	97
69) Atrazine	17.113	200	115735	60.056	ng	100
70) Pentachlorophenol	17.319	266	157136	98.649	ng	96
71) Phenanthrene	17.718	178	490480	41.111	ng	99
72) Anthracene	17.812	178	494052	42.577	ng	98
73) Carbazole	18.071	167	461896	45.351	ng	99
74) Di-n-butylphthalate	18.611	149	553629	52.071	ng	99
75) Fluoranthene	19.704	202	632245	42.479	ng	99
77) Benzidine	19.868	184	309521	79.898	ng	100
78) Pyrene	20.062	202	629567	42.103	ng	99
80) Butylbenzylphthalate	20.932	149	237729	50.497	ng	97
81) Benzo(a)anthracene	21.948	228	594831	41.639	ng	99
82) 3,3'-Dichlorobenzidine	21.848	252	190435	45.857	ng	97
83) Chrysene	22.019	228	552637	40.138	ng	98
84) Bis(2-ethylhexyl)phtha...	21.831	149	342294	48.820	ng	99
85) Di-n-octyl phthalate	23.123	149	580579	49.283	ng	96
87) Indeno(1,2,3-cd)pyrene	29.387	276	733360	42.460	ng	# 95
88) Benzo(b)fluoranthene	24.316	252	648761	46.006	ng	99
89) Benzo(k)fluoranthene	24.393	252	625518	44.030	ng	99
90) Benzo(a)pyrene	25.250	252	570813	47.228	ng	98
91) Dibenzo(a,h)anthracene	29.463	278	636026	45.331	ng	99
92) Benzo(g,h,i)perylene	30.638	276	626955	44.514	ng	98

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

