

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054224.D
 Acq On : 7 Jul 2022 14:02
 Operator : CG/JU
 Sample : PB146067BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146067BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 17:09:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	21593	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	92910	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	81472	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	224608	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	234776	20.000	ng	0.00
86) Perylene-d12	24.974	264	249089	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	155297	137.505	ng	0.00
7) Phenol-d6	7.230	99	217073	141.683	ng	0.00
23) Nitrobenzene-d5	9.228	82	139351	84.286	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	194297	148.433	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	436216	77.857	ng	0.00
79) Terphenyl-d14	20.044	244	1059544	90.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	11790	23.881	ng	# 87
3) Pyridine	3.910	79	35505	26.950	ng	96
4) n-Nitrosodimethylamine	3.822	42	23461	40.484	ng	96
6) Aniline	7.383	93	78558	43.247	ng	97
8) 2-Chlorophenol	7.629	128	58820	48.777	ng	93
9) Benzaldehyde	7.195	77	33040m	36.539	ng	
10) Phenol	7.259	94	75199	48.431	ng	97
11) bis(2-Chloroethyl)ether	7.477	93	50954	42.755	ng	93
12) 1,3-Dichlorobenzene	7.953	146	59525	39.393	ng	92
13) 1,4-Dichlorobenzene	8.099	146	60957	40.160	ng	98
14) 1,2-Dichlorobenzene	8.423	146	59944	41.139	ng	96
15) Benzyl Alcohol	8.299	79	57218m	49.968	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	73449	41.227	ng	99
17) 2-Methylphenol	8.511	107	52997	49.134	ng	92
18) Hexachloroethane	9.151	117	20745	41.199	ng	# 76
19) n-Nitroso-di-n-propyla...	8.869	70	46710	45.380	ng	96
20) 3+4-Methylphenols	8.840	107	72754	48.096	ng	95
22) Acetophenone	8.887	105	91218	40.391	ng	# 96
24) Nitrobenzene	9.269	77	67430	41.417	ng	# 88
25) Isophorone	9.792	82	134477	43.551	ng	# 94
26) 2-Nitrophenol	9.986	139	35162	48.897	ng	# 82
27) 2,4-Dimethylphenol	10.044	122	61417	52.767	ng	93
28) bis(2-Chloroethoxy)met...	10.268	93	75380	45.316	ng	100
29) 2,4-Dichlorophenol	10.526	162	76515	49.031	ng	88
30) 1,2,4-Trichlorobenzene	10.738	180	75836	39.247	ng	93
31) Naphthalene	10.926	128	181326	38.660	ng	99
32) Benzoic acid	10.197	122	26322m	50.990	ng	
33) 4-Chloroaniline	11.031	127	72553	37.286	ng	93
34) Hexachlorobutadiene	11.208	225	59289	39.909	ng	96
35) Caprolactam	11.801	113	24766m	57.648	ng	
36) 4-Chloro-3-methylphenol	12.154	107	79970	52.716	ng	88
37) 2-Methylnaphthalene	12.530	142	146449	42.202	ng	97
38) 1-Methylnaphthalene	12.747	142	140478	41.574	ng	97
40) 1,2,4,5-Tetrachloroben...	12.894	216	119561	38.085	ng	# 96
41) Hexachlorocyclopentadiene	12.876	237	90677	62.031	ng	95
43) 2,4,6-Trichlorophenol	13.135	196	77243	43.803	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	88332	44.862	ng	# 93
46) 1,1'-Biphenyl	13.528	154	219439	38.668	ng	97
47) 2-Chloronaphthalene	13.575	162	177515	38.651	ng	98
48) 2-Nitroaniline	13.769	65	56844	46.528	ng	91
49) Acenaphthylene	14.416	152	286729	40.149	ng	99
50) Dimethylphthalate	14.145	163	264404	42.613	ng	# 99
51) 2,6-Dinitrotoluene	14.263	165	60064	47.912	ng	# 76
52) Acenaphthene	14.756	154	206760m	45.419	ng	
53) 3-Nitroaniline	14.592	138	46064	37.927	ng	91
54) 2,4-Dinitrophenol	14.809	184	64430	91.985	ng	# 77
55) Dibenzofuran	15.091	168	302738	41.276	ng	95
56) 4-Nitrophenol	14.915	139	80249	93.067	ng	89
57) 2,4-Dinitrotoluene	15.056	165	89136	50.346	ng	86
58) Fluorene	15.738	166	254609	42.279	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.320	232	88774	46.103	ng	# 87
60) Diethylphthalate	15.503	149	265604	44.202	ng	96
61) 4-Chlorophenyl-phenyle...	15.726	204	159927	44.359	ng	90
62) 4-Nitroaniline	15.761	138	56454	44.572	ng	# 77
63) Azobenzene	16.020	77	207875	42.978	ng	91
65) 4,6-Dinitro-2-methylph...	15.826	198	53234	47.506	ng	80
66) n-Nitrosodiphenylamine	15.943	169	239003	40.829	ng	97
67) 4-Bromophenyl-phenylether	16.619	248	120174	42.839	ng	91
68) Hexachlorobenzene	16.748	284	133349	41.556	ng	# 93
69) Atrazine	16.889	200	114867	47.369	ng	93
70) Pentachlorophenol	17.095	266	125799	84.395	ng	96
71) Phenanthrene	17.483	178	461214	39.968	ng	97
72) Anthracene	17.571	178	465889	41.343	ng	100
73) Carbazole	17.841	167	404777	41.848	ng	99
74) Di-n-butylphthalate	18.387	149	475714	42.537	ng	# 98
75) Fluoranthene	19.492	202	603157	39.816	ng	97
77) Benzidine	19.662	184	321511	66.128	ng	97
78) Pyrene	19.850	202	602388	42.482	ng	97
80) Butylbenzylphthalate	20.726	149	207131	45.573	ng	88
81) Benzo(a)anthracene	21.695	228	632734	41.624	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	205377	45.220	ng	95
83) Chrysene	21.760	228	585065	40.377	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	293193	45.104	ng	# 93
85) Di-n-octyl phthalate	22.812	149	496866	44.472	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.711	276	761253	40.498	ng	# 96
88) Benzo(b)fluoranthene	23.940	252	673566	44.474	ng	100
89) Benzo(k)fluoranthene	24.010	252	628128	41.889	ng	99
90) Benzo(a)pyrene	24.821	252	586862	45.926	ng	100
91) Dibenzo(a,h)anthracene	28.769	278	669470	43.069	ng	98
92) Benzo(g,h,i)perylene	29.880	276	652558	42.540	ng	96

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

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