

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057703.D
 Acq On : 14 Jun 2023 11:31
 Operator : CG/JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153397BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 01:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	23537	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	112137	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	85363	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	204650	20.000	ng	0.00
76) Chrysene-d12	21.571	240	172467	20.000	ng	0.00
86) Perylene-d12	24.732	264	204791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	251054	173.679	ng	0.00
7) Phenol-d6	7.100	99	363669	163.768	ng	0.00
23) Nitrobenzene-d5	9.103	82	175069	94.885	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	146067	153.374	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	504250	88.052	ng	0.00
79) Terphenyl-d14	19.932	244	872716	93.556	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	26453	35.945	ng	96
3) Pyridine	3.804	79	73399	35.233	ng	99
4) n-Nitrosodimethylamine	3.721	42	47807	47.051	ng	96
6) Aniline	7.264	93	113442	38.936	ng	97
8) 2-Chlorophenol	7.505	128	86202	62.198	ng	93
9) Benzaldehyde	7.076	77	47389	34.622	ng	96
10) Phenol	7.123	94	128784	59.350	ng	99
11) bis(2-Chloroethyl)ether	7.358	93	83150	48.891	ng	94
12) 1,3-Dichlorobenzene	7.828	146	79130	49.358	ng	98
13) 1,4-Dichlorobenzene	7.975	146	80747	50.800	ng	98
14) 1,2-Dichlorobenzene	8.292	146	79260	51.320	ng	99
15) Benzyl Alcohol	8.175	79	94323	55.461	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.469	45	178950	48.322	ng	98
17) 2-Methylphenol	8.375	107	87096	54.545	ng	98
18) Hexachloroethane	9.027	117	27377	55.734	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	77994	48.574	ng	97
20) 3+4-Methylphenols	8.704	107	119892	54.914	ng	98
22) Acetophenone	8.763	105	146235	44.889	ng	# 98
24) Nitrobenzene	9.144	77	96202	47.631	ng	98
25) Isophorone	9.661	82	228988	44.057	ng	98
26) 2-Nitrophenol	9.855	139	25895	51.935	ng	# 85
27) 2,4-Dimethylphenol	9.908	122	93262	53.736	ng	97
28) bis(2-Chloroethoxy)met...	10.149	93	127494	47.186	ng	99
29) 2,4-Dichlorophenol	10.384	162	89552	60.827	ng	96
30) 1,2,4-Trichlorobenzene	10.607	180	89793	46.925	ng	99
31) Naphthalene	10.795	128	273681	45.411	ng	98
32) Benzoic acid	10.043	122	47974	70.735	ng	96
33) 4-Chloroaniline	10.895	127	53603	19.104	ng	98
34) Hexachlorobutadiene	11.083	225	52724	43.815	ng	99
35) Caprolactam	11.665	113	33587m	55.302	ng	
36) 4-Chloro-3-methylphenol	12.018	107	115002	55.137	ng	100
37) 2-Methylnaphthalene	12.399	142	197975	44.402	ng	96
38) 1-Methylnaphthalene	12.623	142	186339	44.548	ng	98
40) 1,2,4,5-Tetrachloroben...	12.770	216	105859	43.808	ng	98
41) Hexachlorocyclopentadiene	12.752	237	117341	127.316	ng	97
43) 2,4,6-Trichlorophenol	13.005	196	78340	49.947	ng	99

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44) 2,4,5-Trichlorophenol	13.069	196	88430	47.828	ng	96
46) 1,1'-Biphenyl	13.410	154	268293	45.490	ng	98
47) 2-Chloronaphthalene	13.451	162	206974	46.430	ng	99
48) 2-Nitroaniline	13.651	65	64468	52.041	ng	98
49) Acenaphthylene	14.297	152	350048	45.280	ng	98
50) Dimethylphthalate	14.033	163	293481	46.890	ng	100
51) 2,6-Dinitrotoluene	14.144	165	50102	52.886	ng	93
52) Acenaphthene	14.638	154	221247m	47.744	ng	
53) 3-Nitroaniline	14.473	138	31635	32.867	ng	97
54) 2,4-Dinitrophenol	14.679	184	35556	88.330	ng	99
55) Dibenzofuran	14.973	168	344131	44.242	ng	99
56) 4-Nitrophenol	14.773	139	95839	93.057	ng	99
57) 2,4-Dinitrotoluene	14.932	165	67613	54.361	ng	96
58) Fluorene	15.619	166	272981	44.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.190	232	77010	49.848	ng	96
60) Diethylphthalate	15.396	149	303859	47.030	ng	99
61) 4-Chlorophenyl-phenyle...	15.613	204	144948	43.665	ng	97
62) 4-Nitroaniline	15.637	138	55268	46.673	ng	96
63) Azobenzene	15.907	77	309109	44.495	ng	98
65) 4,6-Dinitro-2-methylph...	15.690	198	27313	54.958	ng	91
66) n-Nitrosodiphenylamine	15.825	169	246846	46.141	ng	99
67) 4-Bromophenyl-phenylether	16.506	248	94024	45.121	ng	99
68) Hexachlorobenzene	16.618	284	104722	48.088	ng	99
69) Atrazine	16.777	200	99758	56.047	ng	97
70) Pentachlorophenol	16.959	266	129691	99.196	ng	98
71) Phenanthrene	17.358	178	452590	45.321	ng	99
72) Anthracene	17.446	178	461462	45.614	ng	100
73) Carbazole	17.717	167	433769	46.298	ng	99
74) Di-n-butylphthalate	18.281	149	523938	50.452	ng	99
75) Fluoranthene	19.368	202	539369	44.834	ng	100
77) Benzidine	19.550	184	200567	48.783	ng	97
78) Pyrene	19.732	202	560817	45.702	ng	99
80) Butylbenzylphthalate	20.625	149	217939	48.730	ng	100
81) Benzo(a)anthracene	21.553	228	551424	46.297	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	120565	31.077	ng	98
83) Chrysene	21.618	228	508277	44.841	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	326722	54.044	ng	100
85) Di-n-octyl phthalate	22.676	149	564608	54.162	ng	99
87) Indeno(1,2,3-cd)pyrene	28.340	276	664792	50.170	ng	98
88) Benzo(b)fluoranthene	23.733	252	578568	52.078	ng	99
89) Benzo(k)fluoranthene	23.804	252	558783	48.496	ng	97
90) Benzo(a)pyrene	24.585	252	505445	46.272	ng	99
91) Dibenzo(a,h)anthracene	28.416	278	550468	50.271	ng	99
92) Benzo(g,h,i)perylene	29.474	276	542762	49.661	ng	98

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

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