

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057580.D
 Acq On : 26 May 2023 11:09
 Operator : CG/JU
 Sample : PB153043BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153043BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 26 11:47:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	15932	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	65826	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	53868	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	144356	20.000	ng	0.00
76) Chrysene-d12	22.025	240	122213	20.000	ng	0.00
86) Perylene-d12	25.526	264	133308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	108530	116.528	ng	0.00
7) Phenol-d6	7.504	99	163785	115.805	ng	0.00
23) Nitrobenzene-d5	9.536	82	100117	63.835	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	89712	117.373	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	267980	67.000	ng	0.00
79) Terphenyl-d14	20.280	244	512946	68.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.656	88	15322	39.788	ng	96
3) Pyridine	4.085	79	42371	34.237	ng	94
4) n-Nitrosodimethylamine	3.997	42	20646	35.500	ng	86
6) Aniline	7.668	93	65946	36.756	ng	98
8) 2-Chlorophenol	7.915	128	50829	51.648	ng	95
9) Benzaldehyde	7.480	77	32312	43.731	ng	99
10) Phenol	7.533	94	71978	52.207	ng	94
11) bis(2-Chloroethyl)ether	7.756	93	44733	43.028	ng	94
12) 1,3-Dichlorobenzene	8.244	146	51511	47.423	ng	96
13) 1,4-Dichlorobenzene	8.391	146	52499	48.118	ng	95
14) 1,2-Dichlorobenzene	8.714	146	49855	47.333	ng	96
15) Benzyl Alcohol	8.596	79	55068	46.738	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.872	45	56090	42.806	ng	98
17) 2-Methylphenol	8.796	107	49049	49.353	ng	97
18) Hexachloroethane	9.448	117	18586	47.204	ng	93
19) n-Nitroso-di-n-propyla...	9.160	70	43492	40.329	ng	98
20) 3+4-Methylphenols	9.131	107	69208	50.857	ng	97
22) Acetophenone	9.184	105	81063	43.026	ng	95
24) Nitrobenzene	9.577	77	64787	40.927	ng	95
25) Isophorone	10.100	82	121046	39.802	ng	98
26) 2-Nitrophenol	10.300	139	30032	49.563	ng	90
27) 2,4-Dimethylphenol	10.341	122	55517	52.325	ng	99
28) bis(2-Chloroethoxy)met...	10.570	93	68495	44.956	ng	99
29) 2,4-Dichlorophenol	10.840	162	59802	53.142	ng	95
30) 1,2,4-Trichlorobenzene	11.052	180	58234	44.866	ng	96
31) Naphthalene	11.246	128	158161	44.943	ng	98
32) Benzoic acid	10.500	122	32583	52.739	ng	95
33) 4-Chloroaniline	11.351	127	60219	38.104	ng	97
34) Hexachlorobutadiene	11.510	225	38988	40.482	ng	99
35) Caprolactam	12.127	113	20983m	54.586	ng	
36) 4-Chloro-3-methylphenol	12.456	107	68433	53.512	ng	98
37) 2-Methylnaphthalene	12.826	142	123413	44.603	ng	94
38) 1-Methylnaphthalene	13.043	142	116907	44.827	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	82427	43.102	ng	100
41) Hexachlorocyclopentadiene	13.155	237	52298	58.712	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	57149	49.052	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	62179	45.371	ng	98
46) 1,1'-Biphenyl	13.807	154	182646	45.693	ng	98
47) 2-Chloronaphthalene	13.860	162	138722	46.670	ng	99
48) 2-Nitroaniline	14.065	65	47366	46.866	ng	91
49) Acenaphthylene	14.700	152	227015	47.010	ng	99
50) Dimethylphthalate	14.412	163	193382	43.686	ng	98
51) 2,6-Dinitrotoluene	14.541	165	44226	48.933	ng	89
52) Acenaphthene	15.035	154	137084	45.429	ng	98
53) 3-Nitroaniline	14.882	138	35235	38.914	ng	86
54) 2,4-Dinitrophenol	15.099	184	51578	91.404	ng	93
55) Dibenzofuran	15.369	168	232637	45.884	ng	98
56) 4-Nitrophenol	15.193	139	60362	100.234	ng	92
57) 2,4-Dinitrotoluene	15.334	165	62997	48.771	ng	91
58) Fluorene	16.016	166	194388	46.546	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.599	232	62372m	50.199	ng	
60) Diethylphthalate	15.751	149	201135	44.742	ng	100
61) 4-Chlorophenyl-phenyle...	15.992	204	109981	43.715	ng	95
62) 4-Nitroaniline	16.039	138	44394	48.601	ng	91
63) Azobenzene	16.286	77	183469	42.299	ng	94
65) 4,6-Dinitro-2-methylph...	16.104	198	42084	48.829	ng	99
66) n-Nitrosodiphenylamine	16.209	169	172247	43.933	ng	99
67) 4-Bromophenyl-phenylether	16.885	248	76240	43.264	ng	98
68) Hexachlorobenzene	17.020	284	81090	47.352	ng	95
69) Atrazine	17.144	200	78156	52.256	ng	97
70) Pentachlorophenol	17.367	266	76949	77.968	ng	99
71) Phenanthrene	17.754	178	333631	45.103	ng	99
72) Anthracene	17.848	178	338401	44.585	ng	99
73) Carbazole	18.113	167	298891	46.776	ng	98
74) Di-n-butylphthalate	18.630	149	337360	45.888	ng	# 98
75) Fluoranthene	19.746	202	395035	42.938	ng	99
77) Benzidine	19.910	184	212749	77.866	ng	99
78) Pyrene	20.110	202	398320	44.852	ng	99
80) Butylbenzylphthalate	20.956	149	140645	49.913	ng	96
81) Benzo(a)anthracene	22.002	228	381736	43.841	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	99773	35.774	ng	99
83) Chrysene	22.072	228	347196	42.380	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	195982	47.008	ng	100
85) Di-n-octyl phthalate	23.130	149	329836	47.455	ng	97
87) Indeno(1,2,3-cd)pyrene	29.597	276	427821	44.034	ng	# 99
88) Benzo(b)fluoranthene	24.404	252	379756	43.579	ng	98
89) Benzo(k)fluoranthene	24.481	252	375440	42.398	ng	99
90) Benzo(a)pyrene	25.362	252	339611	39.891	ng	97
91) Dibenzo(a,h)anthracene	29.644	278	362140	44.758	ng	98
92) Benzo(g,h,i)perylene	30.872	276	347153	43.941	ng	97

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

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