

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057582.D
 Acq On : 26 May 2023 12:30
 Operator : CG/JU
 Sample : PB153012BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153012BS

Manual Integrations
 APPROVED

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

Quant Time: May 26 15:05:06 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	8.354	152	16117	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	69555	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	59066	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	149755	20.000	ng	0.00
76) Chrysene-d12	22.024	240	127157	20.000	ng	0.00
86) Perylene-d12	25.525	264	138045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	117892	125.127	ng	0.00
7) Phenol-d6	7.503	99	180069	125.858	ng	0.00
23) Nitrobenzene-d5	9.535	82	106513	64.272	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	96403	115.028	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	288888	65.871	ng	0.00
79) Terphenyl-d14	20.279	244	531770	68.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.661	88	16676	42.807	ng	95
3) Pyridine	4.084	79	45359	36.231	ng	96
4) n-Nitrosodimethylamine	3.995	42	21765	36.994	ng	# 76
6) Aniline	7.667	93	70905	39.066	ng	98
8) 2-Chlorophenol	7.920	128	54294	54.535	ng	98
9) Benzaldehyde	7.479	77	35099	47.581	ng	97
10) Phenol	7.532	94	77387	55.486	ng	95
11) bis(2-Chloroethyl)ether	7.755	93	47966	45.608	ng	98
12) 1,3-Dichlorobenzene	8.243	146	54410	49.517	ng	96
13) 1,4-Dichlorobenzene	8.390	146	55439	50.229	ng	93
14) 1,2-Dichlorobenzene	8.713	146	53930	50.615	ng	97
15) Benzyl Alcohol	8.595	79	59175	49.647	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.877	45	60066m	45.314	ng	
17) 2-Methylphenol	8.801	107	53354	53.069	ng	96
18) Hexachloroethane	9.447	117	19670	49.384	ng	93
19) n-Nitroso-di-n-propyla...	9.159	70	47460	43.503	ng	96
20) 3+4-Methylphenols	9.130	107	74499	54.116	ng	93
22) Acetophenone	9.188	105	86335	43.368	ng	# 94
24) Nitrobenzene	9.576	77	68734	41.092	ng	92
25) Isophorone	10.099	82	129612	40.333	ng	99
26) 2-Nitrophenol	10.299	139	32012	49.999	ng	94
27) 2,4-Dimethylphenol	10.340	122	60607	54.060	ng	99
28) bis(2-Chloroethoxy)met...	10.569	93	72688	45.151	ng	99
29) 2,4-Dichlorophenol	10.839	162	64366	54.131	ng	93
30) 1,2,4-Trichlorobenzene	11.051	180	62927	45.882	ng	97
31) Naphthalene	11.245	128	170012	45.721	ng	98
32) Benzoic acid	10.504	122	33509	51.456	ng	93
33) 4-Chloroaniline	11.350	127	55155	33.029	ng	96
34) Hexachlorobutadiene	11.515	225	42631	41.891	ng	94
35) Caprolactam	12.126	113	22247m	54.772	ng	
36) 4-Chloro-3-methylphenol	12.455	107	73330	54.267	ng	98
37) 2-Methylnaphthalene	12.825	142	130796	44.737	ng	98
38) 1-Methylnaphthalene	13.042	142	125699	45.614	ng	98
40) 1,2,4,5-Tetrachloroben...	13.183	216	89301	42.587	ng	98
41) Hexachlorocyclopentadiene	13.154	237	58548	59.813	ng	99
43) 2,4,6-Trichlorophenol	13.424	196	61922	48.471	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	68183	45.373	ng	97
46) 1,1'-Biphenyl	13.812	154	194562	44.391	ng	98
47) 2-Chloronaphthalene	13.864	162	147664	45.306	ng	100
48) 2-Nitroaniline	14.064	65	49725	44.870	ng	87
49) Acenaphthylene	14.699	152	239851	45.297	ng	98
50) Dimethylphthalate	14.411	163	206083	42.458	ng	98
51) 2,6-Dinitrotoluene	14.546	165	47854	48.288	ng	# 80
52) Acenaphthene	15.039	154	147533	44.589	ng	99
53) 3-Nitroaniline	14.881	138	34264	34.512	ng	92
54) 2,4-Dinitrophenol	15.098	184	54568	88.365	ng	95
55) Dibenzofuran	15.368	168	248940	44.779	ng	100
56) 4-Nitrophenol	15.192	139	63508	96.178	ng	92
57) 2,4-Dinitrotoluene	15.333	165	66644	47.054	ng	96
58) Fluorene	16.015	166	206493	45.094	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.597	232	64504	47.346	ng	99
60) Diethylphthalate	15.756	149	212576	43.126	ng	98
61) 4-Chlorophenyl-phenyle...	15.991	204	116584	42.262	ng	97
62) 4-Nitroaniline	16.038	138	45408	45.336	ng	91
63) Azobenzene	16.285	77	195063	41.014	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	43365	48.502	ng	96
66) n-Nitrosodiphenylamine	16.208	169	182913	44.971	ng	97
67) 4-Bromophenyl-phenylether	16.884	248	80097	43.814	ng	98
68) Hexachlorobenzene	17.019	284	84047	47.310	ng	98
69) Atrazine	17.142	200	81734	52.679	ng	95
70) Pentachlorophenol	17.366	266	79240	77.395	ng	97
71) Phenanthrene	17.759	178	348708	45.442	ng	100
72) Anthracene	17.847	178	354658	45.042	ng	98
73) Carbazole	18.118	167	311934	47.058	ng	98
74) Di-n-butylphthalate	18.629	149	351964	46.149	ng	# 97
75) Fluoranthene	19.745	202	414899	43.472	ng	99
77) Benzidine	19.909	184	221365	77.869	ng	99
78) Pyrene	20.109	202	419296	45.378	ng	99
80) Butylbenzylphthalate	20.955	149	147148	50.191	ng	96
81) Benzo(a)anthracene	22.001	228	397724	43.901	ng	100
82) 3,3'-Dichlorobenzidine	21.895	252	103446	35.649	ng	99
83) Chrysene	22.071	228	365679	42.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	205564	47.390	ng	100
85) Di-n-octyl phthalate	23.128	149	347487	48.051	ng	97
87) Indeno(1,2,3-cd)pyrene	29.596	276	443378	44.069	ng	# 95
88) Benzo(b)fluoranthene	24.403	252	396554	43.945	ng	98
89) Benzo(k)fluoranthene	24.480	252	392209m	42.771	ng	
90) Benzo(a)pyrene	25.361	252	352455	39.979	ng	98
91) Dibenzo(a,h)anthracene	29.643	278	368802	44.017	ng	98
92) Benzo(g,h,i)perylene	30.865	276	359516	43.945	ng	97

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

