

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061722\
 Data File : BG053932.D
 Acq On : 17 Jun 2022 12:54
 Operator : CG/JU
 Sample : PB145578BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145578BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 17 23:58:50 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 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	24680	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	92576	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	69360	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	179196	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	221646	20.000	ng	0.00
86) Perylene-d12	24.993	264	226236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	161528	125.133	ng	0.00
7) Phenol-d6	7.244	99	204919	117.020	ng	0.00
23) Nitrobenzene-d5	9.247	82	132850	80.644	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	152285	136.653	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	375126	78.645	ng	0.00
79) Terphenyl-d14	20.058	244	902409	82.001	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.542	88	15523	27.509	ng	# 85
3) Pyridine	3.942	79	39869	26.477	ng	92
4) n-Nitrosodimethylamine	3.853	42	28815	43.504	ng	97
6) Aniline	7.408	93	69089	33.277	ng	98
8) 2-Chlorophenol	7.649	128	61319	44.489	ng	94
9) Benzaldehyde	7.220	77	13111	12.686	ng	# 77
10) Phenol	7.267	94	75602	42.600	ng	97
11) bis(2-Chloroethyl)ether	7.502	93	53203	39.058	ng	94
12) 1,3-Dichlorobenzene	7.978	146	68432	39.623	ng	91
13) 1,4-Dichlorobenzene	8.119	146	69727	40.192	ng	98
14) 1,2-Dichlorobenzene	8.442	146	67455	40.503	ng	97
15) Benzyl Alcohol	8.319	79	56761	43.369	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.613	45	77447	38.033	ng	98
17) 2-Methylphenol	8.524	107	52464	42.556	ng	92
18) Hexachloroethane	9.177	117	23810	41.371	ng	# 75
19) n-Nitroso-di-n-propyla...	8.889	70	44853	38.125	ng	93
20) 3+4-Methylphenols	8.848	107	71005	41.069	ng	96
22) Acetophenone	8.906	105	90702	40.307	ng	# 96
24) Nitrobenzene	9.288	77	69480	42.830	ng	# 87
25) Isophorone	9.811	82	126482	41.110	ng	95
26) 2-Nitrophenol	10.005	139	33310	46.489	ng	# 80
27) 2,4-Dimethylphenol	10.058	122	58801	50.702	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	71482	43.128	ng	# 96
29) 2,4-Dichlorophenol	10.540	162	71262	45.830	ng	89
30) 1,2,4-Trichlorobenzene	10.757	180	81924	42.550	ng	95
31) Naphthalene	10.945	128	182959	39.148	ng	99
32) Benzoic acid	10.222	122	19531m	40.853	ng	
33) 4-Chloroaniline	11.045	127	50479	26.036	ng	95
34) Hexachlorobutadiene	11.239	225	65362	44.156	ng	96
35) Caprolactam	11.815	113	19279m	45.038	ng	
36) 4-Chloro-3-methylphenol	12.161	107	65646	43.429	ng	86
37) 2-Methylnaphthalene	12.543	142	136036	39.342	ng	97
38) 1-Methylnaphthalene	12.761	142	131196	38.968	ng	98
40) 1,2,4,5-Tetrachloroben...	12.913	216	114936	43.005	ng	95
41) Hexachlorocyclopentadiene	12.896	237	128768	103.471	ng	97
43) 2,4,6-Trichlorophenol	13.142	196	67377	44.880	ng	98

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44) 2,4,5-Trichlorophenol	13.219	196	74041	44.170	ng	# 91
46) 1,1'-Biphenyl	13.548	154	196714	40.716	ng	97
47) 2-Chloronaphthalene	13.589	162	158269	40.478	ng	97
48) 2-Nitroaniline	13.783	65	46208	44.427	ng	88
49) Acenaphthylene	14.435	152	256451	42.180	ng	100
50) Dimethylphthalate	14.159	163	214476	40.602	ng	# 99
51) 2,6-Dinitrotoluene	14.276	165	47477	44.485	ng	# 77
52) Acenaphthene	14.776	154	175899m	45.387	ng	
53) 3-Nitroaniline	14.605	138	32935	31.853	ng	88
54) 2,4-Dinitrophenol	14.811	184	52907	88.974	ng	# 76
55) Dibenzofuran	15.105	168	255978	40.995	ng	94
56) 4-Nitrophenol	14.911	139	69463	94.625	ng	88
57) 2,4-Dinitrotoluene	15.064	165	68658	45.551	ng	# 81
58) Fluorene	15.757	166	205144	40.014	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.328	232	71699	43.738	ng	# 88
60) Diethylphthalate	15.522	149	206003	40.270	ng	96
61) 4-Chlorophenyl-phenyle...	15.745	204	129380	42.153	ng	# 89
62) 4-Nitroaniline	15.769	138	43581	40.417	ng	# 83
63) Azobenzene	16.039	77	161781	39.289	ng	88
65) 4,6-Dinitro-2-methylph...	15.828	198	41444	46.357	ng	79
66) n-Nitrosodiphenylamine	15.957	169	191626	41.032	ng	94
67) 4-Bromophenyl-phenylether	16.638	248	96960	43.323	ng	# 91
68) Hexachlorobenzene	16.762	284	110220	43.053	ng	# 91
69) Atrazine	16.903	200	88998	46.002	ng	94
70) Pentachlorophenol	17.103	266	144384	121.411	ng	97
71) Phenanthrene	17.496	178	370104	40.200	ng	98
72) Anthracene	17.584	178	373489	41.543	ng	99
73) Carbazole	17.849	167	329272	42.669	ng	99
74) Di-n-butylphthalate	18.407	149	371914	41.683	ng	# 98
75) Fluoranthene	19.500	202	514525	42.573	ng	96
77) Benzidine	19.676	184	149423	32.554	ng	96
78) Pyrene	19.864	202	518524	38.734	ng	100
80) Butylbenzylphthalate	20.745	149	169647	39.537	ng	86
81) Benzo(a)anthracene	21.709	228	576693	40.184	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	185611	43.289	ng	# 97
83) Chrysene	21.779	228	528709	38.649	ng	97
84) Bis(2-ethylhexyl)phtha...	21.615	149	245713	40.039	ng	# 93
85) Di-n-octyl phthalate	22.843	149	431642	40.922	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.730	276	704040	41.238	ng	# 99
88) Benzo(b)fluoranthene	23.959	252	605460m	44.015	ng	
89) Benzo(k)fluoranthene	24.030	252	602198	44.216	ng	# 98
90) Benzo(a)pyrene	24.841	252	591426	50.958	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	617195	43.717	ng	# 97
92) Benzo(g,h,i)perylene	29.899	276	610015	43.784	ng	# 94

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

