

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053644.D
 Acq On : 20 May 2022 15:06
 Operator : CG/JU
 Sample : PB144936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144936BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

Quant Time: May 23 01:30:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	27189	20.000	ng	0.00
21) Naphthalene-d8	10.883	136	125739	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	98624	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	236005	20.000	ng	0.00
76) Chrysene-d12	21.721	240	215246	20.000	ng	-0.01
86) Perylene-d12	24.987	264	211426	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	213135	133.039	ng	0.00
7) Phenol-d6	7.235	99	323018	132.855	ng	0.00
23) Nitrobenzene-d5	9.232	82	220820	74.758	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	164922	113.380	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	505520	74.901	ng	0.00
79) Terphenyl-d14	20.047	244	964438	83.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	21248	25.278	ng	97
3) Pyridine	3.910	79	53685	26.152	ng	88
4) n-Nitrosodimethylamine	3.822	42	37646	37.646	ng	94
6) Aniline	7.393	93	121691	45.189	ng	99
8) 2-Chlorophenol	7.634	128	80892	48.300	ng	99
9) Benzaldehyde	7.200	77	52205m	33.798	ng	
10) Phenol	7.264	94	116887	49.155	ng	96
11) bis(2-Chloroethyl)ether	7.481	93	74698	42.119	ng	97
12) 1,3-Dichlorobenzene	7.957	146	77752	39.353	ng	94
13) 1,4-Dichlorobenzene	8.104	146	80076	40.163	ng	96
14) 1,2-Dichlorobenzene	8.427	146	78832	42.106	ng	97
15) Benzyl Alcohol	8.304	79	90115	44.332	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.592	45	123151	42.665	ng	98
17) 2-Methylphenol	8.515	107	76240	47.436	ng	95
18) Hexachloroethane	9.150	117	29290	38.686	ng	94
19) n-Nitroso-di-n-propyla...	8.874	70	75999	43.565	ng	97
20) 3+4-Methylphenols	8.844	107	104544	46.056	ng	96
22) Acetophenone	8.891	105	132150	38.401	ng	# 98
24) Nitrobenzene	9.279	77	112317	39.287	ng	97
25) Isophorone	9.796	82	209228	42.089	ng	97
26) 2-Nitrophenol	9.990	139	45645	39.420	ng	96
27) 2,4-Dimethylphenol	10.049	122	82890	47.567	ng	94
28) bis(2-Chloroethoxy)met...	10.278	93	110794	38.752	ng	98
29) 2,4-Dichlorophenol	10.536	162	89773	42.685	ng	94
30) 1,2,4-Trichlorobenzene	10.742	180	89233	37.343	ng	95
31) Naphthalene	10.930	128	251768	39.363	ng	97
32) Benzoic acid	10.225	122	34485m	34.548	ng	
33) 4-Chloroaniline	11.041	127	80830	30.176	ng	96
34) Hexachlorobutadiene	11.218	225	62218	35.114	ng	96
35) Caprolactam	11.811	113	31413m	41.102	ng	
36) 4-Chloro-3-methylphenol	12.163	107	105732	42.029	ng	96
37) 2-Methylnaphthalene	12.528	142	184239	38.599	ng	99
38) 1-Methylnaphthalene	12.751	142	179213	38.482	ng	98
40) 1,2,4,5-Tetrachloroben...	12.904	216	117764	37.881	ng	99
41) Hexachlorocyclopentadiene	12.880	237	94441	75.181	ng	97
43) 2,4,6-Trichlorophenol	13.144	196	79301	39.079	ng	99

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44) 2,4,5-Trichlorophenol	13.221	196	84656	39.198	ng	96
46) 1,1'-Biphenyl	13.532	154	263864	39.250	ng	98
47) 2-Chloronaphthalene	13.579	162	202085	38.368	ng	98
48) 2-Nitroaniline	13.779	65	81439	41.496	ng	99
49) Acenaphthylene	14.419	152	351789	41.856	ng	99
50) Dimethylphthalate	14.149	163	287233	38.326	ng	100
51) 2,6-Dinitrotoluene	14.266	165	61293	40.143	ng	97
52) Acenaphthene	14.760	154	194984	38.928	ng	98
53) 3-Nitroaniline	14.601	138	54828	33.234	ng	99
54) 2,4-Dinitrophenol	14.819	184	66861	69.845	ng	97
55) Dibenzofuran	15.095	168	336876	37.444	ng	98
56) 4-Nitrophenol	14.930	139	93499	79.348	ng	97
57) 2,4-Dinitrotoluene	15.065	165	88706	40.080	ng	# 99
58) Fluorene	15.747	166	278794	38.615	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.330	232	82198	37.511	ng	97
60) Diethylphthalate	15.506	149	296463	38.295	ng	97
61) 4-Chlorophenyl-phenyle...	15.729	204	151239	37.540	ng	99
62) 4-Nitroaniline	15.764	138	66341	38.770	ng	# 84
63) Azobenzene	16.023	77	304942	38.467	ng	98
65) 4,6-Dinitro-2-methylph...	15.829	198	52788	37.537	ng	97
66) n-Nitrosodiphenylamine	15.947	169	253043	40.837	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	106998	38.820	ng	96
68) Hexachlorobenzene	16.757	284	115356	38.215	ng	99
69) Atrazine	16.892	200	103885	39.825	ng	97
70) Pentachlorophenol	17.104	266	112350	69.745	ng	95
71) Phenanthrene	17.486	178	475343	39.611	ng	98
72) Anthracene	17.580	178	478594	40.575	ng	98
73) Carbazole	17.844	167	437615	37.856	ng	99
74) Di-n-butylphthalate	18.390	149	513230	39.475	ng	99
75) Fluoranthene	19.495	202	584784	37.635	ng	98
77) Benzidine	19.671	184	290319	62.578	ng	97
78) Pyrene	19.859	202	581759	41.751	ng	99
80) Butylbenzylphthalate	20.728	149	214751	42.030	ng	97
81) Benzo(a)anthracene	21.703	228	550447	40.094	ng	99
82) 3,3'-Dichlorobenzidine	21.609	252	166199	47.738	ng	96
83) Chrysene	21.768	228	502059	39.155	ng	96
84) Bis(2-ethylhexyl)phtha...	21.592	149	306587	43.473	ng	99
85) Di-n-octyl phthalate	22.808	149	512476	42.974	ng	99
87) Indeno(1,2,3-cd)pyrene	28.747	276	588796	39.985	ng	# 99
88) Benzo(b)fluoranthene	23.953	252	552894	44.180	ng	99
89) Benzo(k)fluoranthene	24.024	252	518431	42.157	ng	98
90) Benzo(a)pyrene	24.840	252	525246	49.310	ng	# 98
91) Dibenzo(a,h)anthracene	28.800	278	516043	42.530	ng	100
92) Benzo(g,h,i)perylene	29.928	276	506998	42.154	ng	96

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

