

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053647.D
 Acq On : 20 May 2022 17:06
 Operator : CG/JU
 Sample : N2872-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MS

Manual Integrations
 APPROVED

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

Quant Time: May 23 01:32:13 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	30169	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	124516	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	88401	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	195586	20.000	ng	0.00
76) Chrysene-d12	21.721	240	179231	20.000	ng	-0.01
86) Perylene-d12	24.987	264	183014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	231751	130.370	ng	0.00
7) Phenol-d6	7.241	99	342396	126.914	ng	0.00
23) Nitrobenzene-d5	9.232	82	228762	78.207	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	146956	112.713	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	487344	80.559	ng	-0.01
79) Terphenyl-d14	20.047	244	790723	82.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	35743	38.322	ng	92
3) Pyridine	3.910	79	92476	40.599	ng	95
4) n-Nitrosodimethylamine	3.822	42	54345	48.978	ng	95
6) Aniline	7.394	93	125095	41.865	ng	96
8) 2-Chlorophenol	7.634	128	105121	56.567	ng	93
9) Benzaldehyde	7.200	77	87096m	50.817	ng	
10) Phenol	7.264	94	145327	55.078	ng	97
11) bis(2-Chloroethyl)ether	7.482	93	99040	50.329	ng	97
12) 1,3-Dichlorobenzene	7.957	146	110657	50.475	ng	92
13) 1,4-Dichlorobenzene	8.104	146	112024	50.637	ng	98
14) 1,2-Dichlorobenzene	8.422	146	109629	52.771	ng	97
15) Benzyl Alcohol	8.304	79	113010	50.104	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.592	45	162253	50.659	ng	97
17) 2-Methylphenol	8.516	107	98240	55.086	ng	96
18) Hexachloroethane	9.150	117	41599	49.516	ng	94
19) n-Nitroso-di-n-propyla...	8.868	70	96549	49.879	ng	99
20) 3+4-Methylphenols	8.845	107	129645	51.473	ng	97
22) Acetophenone	8.892	105	164557	48.288	ng	# 95
24) Nitrobenzene	9.273	77	142502	50.334	ng	97
25) Isophorone	9.796	82	253278	51.450	ng	98
26) 2-Nitrophenol	9.990	139	59980	52.309	ng	91
27) 2,4-Dimethylphenol	10.049	122	103302	59.863	ng	95
28) bis(2-Chloroethoxy)met...	10.272	93	135531	47.870	ng	99
29) 2,4-Dichlorophenol	10.530	162	109293	52.477	ng	93
30) 1,2,4-Trichlorobenzene	10.742	180	114161	48.244	ng	96
31) Naphthalene	10.930	128	317588	50.142	ng	99
32) Benzoic acid	10.231	122	46934m	44.304	ng	
33) 4-Chloroaniline	11.042	127	45251	17.059	ng	96
34) Hexachlorobutadiene	11.212	225	81470	46.430	ng	96
35) Caprolactam	11.817	113	34687m	45.831	ng	
36) 4-Chloro-3-methylphenol	12.164	107	126607	50.821	ng	97
37) 2-Methylnaphthalene	12.528	142	226671	47.955	ng	99
38) 1-Methylnaphthalene	12.745	142	220903m	47.900	ng	
40) 1,2,4,5-Tetrachloroben...	12.898	216	141831	50.899	ng	99
41) Hexachlorocyclopentadiene	12.874	237	135368	114.929	ng	97
43) 2,4,6-Trichlorophenol	13.139	196	94436	51.919	ng	95

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44) 2,4,5-Trichlorophenol	13.221	196	102344	52.868	ng	98
46) 1,1'-Biphenyl	13.532	154	311137	51.635	ng	98
47) 2-Chloronaphthalene	13.573	162	242829	51.436	ng	98
48) 2-Nitroaniline	13.779	65	92174	52.397	ng	97
49) Acenaphthylene	14.419	152	401658	53.316	ng	100
50) Dimethylphthalate	14.143	163	315884	47.023	ng	99
51) 2,6-Dinitrotoluene	14.267	165	67700	49.467	ng	97
52) Acenaphthene	14.760	154	226961	50.553	ng	98
53) 3-Nitroaniline	14.601	138	50193	33.943	ng	97
54) 2,4-Dinitrophenol	14.819	184	81020	92.226	ng	91
55) Dibenzofuran	15.095	168	381087	47.257	ng	100
56) 4-Nitrophenol	14.925	139	105036	99.447	ng	91
57) 2,4-Dinitrotoluene	15.060	165	97776	49.287	ng	97
58) Fluorene	15.741	166	310852	48.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.330	232	91051	46.357	ng	99
60) Diethylphthalate	15.500	149	320761	46.225	ng	98
61) 4-Chlorophenyl-phenyle...	15.729	204	167947	46.508	ng	99
62) 4-Nitroaniline	15.765	138	71423	46.567	ng	92
63) Azobenzene	16.023	77	340120	47.866	ng	98
65) 4,6-Dinitro-2-methylph...	15.829	198	59360	50.933	ng	96
66) n-Nitrosodiphenylamine	15.947	169	273705	53.300	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	114974	50.334	ng	93
68) Hexachlorobenzene	16.751	284	125479	50.159	ng	99
69) Atrazine	16.892	200	109827	50.803	ng	95
70) Pentachlorophenol	17.104	266	130083	95.594	ng	89
71) Phenanthrene	17.486	178	503095	50.587	ng	98
72) Anthracene	17.574	178	510650	52.239	ng	99
73) Carbazole	17.844	167	463214	48.351	ng	99
74) Di-n-butylphthalate	18.390	149	526614	48.875	ng	99
75) Fluoranthene	19.495	202	605851	47.049	ng	98
77) Benzidine	19.665	184	166864	43.194	ng	99
78) Pyrene	19.853	202	607875	52.392	ng	99
80) Butylbenzylphthalate	20.728	149	232610	54.673	ng	98
81) Benzo(a)anthracene	21.704	228	578999	50.649	ng	98
82) 3,3'-Dichlorobenzidine	21.610	252	119110	41.087	ng	95
83) Chrysene	21.768	228	536773	50.275	ng	97
84) Bis(2-ethylhexyl)phtha...	21.592	149	323911	55.159	ng	98
85) Di-n-octyl phthalate	22.808	149	552347	55.624	ng	99
87) Indeno(1,2,3-cd)pyrene	28.741	276	634713	49.795	ng	# 98
88) Benzo(b)fluoranthene	23.953	252	570277	52.643	ng	99
89) Benzo(k)fluoranthene	24.018	252	567882	53.347	ng	98
90) Benzo(a)pyrene	24.841	252	556979	60.407	ng	# 99
91) Dibenzo(a,h)anthracene	28.800	278	556475	52.982	ng	99
92) Benzo(g,h,i)perylene	29.928	276	544702	52.319	ng	97

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

