

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053586.D
 Acq On : 17 May 2022 16:27
 Operator : CG/JU
 Sample : N2863-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1218-01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 18 03:14:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	26363	20.000	ng	-0.01
21) Naphthalene-d8	10.891	136	123334	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	102763	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	253602	20.000	ng	0.00
76) Chrysene-d12	21.735	240	193772	20.000	ng	0.00
86) Perylene-d12	25.013	264	185230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	254343	163.735	ng	0.00
7) Phenol-d6	7.249	99	403070	170.974	ng	0.00
23) Nitrobenzene-d5	9.246	82	279745	96.553	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	236287	155.900	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	656817	93.399	ng	0.00
79) Terphenyl-d14	20.061	244	1302951	125.235	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	22842	28.026	ng	# 87
3) Pyridine	3.924	79	58615	29.448	ng	98
4) n-Nitrosodimethylamine	3.836	42	45345	46.766	ng	# 99
6) Aniline	7.408	93	119928	45.930	ng	94
8) 2-Chlorophenol	7.649	128	88876	54.729	ng	97
9) Benzaldehyde	7.214	77	71576m	47.791	ng	
10) Phenol	7.279	94	127123	55.134	ng	94
11) bis(2-Chloroethyl)ether	7.490	93	91385	53.143	ng	97
12) 1,3-Dichlorobenzene	7.972	146	85196	44.471	ng	92
13) 1,4-Dichlorobenzene	8.113	146	87183	45.098	ng	95
14) 1,2-Dichlorobenzene	8.436	146	89357	49.223	ng	93
15) Benzyl Alcohol	8.318	79	56883	28.861	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.606	45	139542	49.858	ng	95
17) 2-Methylphenol	8.530	107	86305	55.380	ng	95
18) Hexachloroethane	9.164	117	33179	45.195	ng	98
19) n-Nitroso-di-n-propyla...	8.882	70	88209	52.149	ng	96
20) 3+4-Methylphenols	8.859	107	119954	54.501	ng	92
22) Acetophenone	8.906	105	147464	43.687	ng	# 96
24) Nitrobenzene	9.288	77	130075	46.385	ng	99
25) Isophorone	9.810	82	248132	50.888	ng	99
26) 2-Nitrophenol	10.004	139	54710	48.170	ng	97
27) 2,4-Dimethylphenol	10.063	122	94688	55.397	ng	99
28) bis(2-Chloroethoxy)met...	10.286	93	130510	46.538	ng	100
29) 2,4-Dichlorophenol	10.545	162	107686	52.201	ng	94
30) 1,2,4-Trichlorobenzene	10.756	180	105112	44.846	ng	98
31) Naphthalene	10.944	128	284875	45.408	ng	98
32) Benzoic acid	10.233	122	38480m	38.134	ng	
33) 4-Chloroaniline	11.068	127	40388m	15.372	ng	
34) Hexachlorobutadiene	11.226	225	76346	43.927	ng	98
35) Caprolactam	11.837	113	37958m	50.634	ng	
36) 4-Chloro-3-methylphenol	12.178	107	123582	50.082	ng	98
37) 2-Methylnaphthalene	12.542	142	218470	46.663	ng	97
38) 1-Methylnaphthalene	12.759	142	210036m	45.980	ng	
40) 1,2,4,5-Tetrachloroben...	12.912	216	141322	43.628	ng	# 98
41) Hexachlorocyclopentadiene	12.889	237	157700	115.158	ng	98
43) 2,4,6-Trichlorophenol	13.153	196	101237	47.880	ng	98

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44) 2,4,5-Trichlorophenol	13.235	196	111003	49.327	ng	97
46) 1,1'-Biphenyl	13.541	154	313420	44.744	ng	99
47) 2-Chloronaphthalene	13.588	162	245293	44.696	ng	99
48) 2-Nitroaniline	13.793	65	100457	49.125	ng	95
49) Acenaphthylene	14.434	152	418633	47.803	ng	99
50) Dimethylphthalate	14.157	163	355597	45.537	ng	99
51) 2,6-Dinitrotoluene	14.281	165	79066	49.697	ng	99
52) Acenaphthene	14.774	154	238291	45.658	ng	99
53) 3-Nitroaniline	14.622	138	53479	31.111	ng	96
54) 2,4-Dinitrophenol	14.827	184	96750	94.569	ng	95
55) Dibenzofuran	15.109	168	413673	44.128	ng	97
56) 4-Nitrophenol	14.945	139	114603	93.340	ng	96
57) 2,4-Dinitrotoluene	15.074	165	111113	48.182	ng #	88
58) Fluorene	15.755	166	347590	46.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.338	232	108429	47.489	ng	97
60) Diethylphthalate	15.514	149	370776	45.965	ng	100
61) 4-Chlorophenyl-phenyle...	15.744	204	195861	46.658	ng	97
62) 4-Nitroaniline	15.785	138	81495	45.708	ng	97
63) Azobenzene	16.037	77	373313	45.195	ng	99
65) 4,6-Dinitro-2-methylph...	15.843	198	72497	47.975	ng	98
66) n-Nitrosodiphenylamine	15.961	169	311958	46.852	ng	99
67) 4-Bromophenyl-phenylether	16.636	248	139616	47.139	ng	94
68) Hexachlorobenzene	16.766	284	151347	46.659	ng	97
69) Atrazine	16.907	200	125185	44.660	ng	95
70) Pentachlorophenol	17.112	266	163431	92.770	ng	96
71) Phenanthrene	17.500	178	592598	45.955	ng	97
72) Anthracene	17.588	178	601763	47.477	ng	100
73) Carbazole	17.858	167	552337	44.464	ng	99
74) Di-n-butylphthalate	18.405	149	657610	47.071	ng	99
75) Fluoranthene	19.509	202	766572	45.911	ng	98
77) Benzidine	19.685	184	229569	54.967	ng	98
78) Pyrene	19.867	202	761460	60.704	ng	100
80) Butylbenzylphthalate	20.737	149	243562	52.951	ng	94
81) Benzo(a)anthracene	21.718	228	591930	47.894	ng	98
82) 3,3'-Dichlorobenzidine	21.624	252	177205	56.540	ng	99
83) Chrysene	21.782	228	528026	45.744	ng	97
84) Bis(2-ethylhexyl)phtha...	21.606	149	284792	44.858	ng	97
85) Di-n-octyl phthalate	22.828	149	471635	43.932	ng	100
87) Indeno(1,2,3-cd)pyrene	28.779	276	602410	46.695	ng #	95
88) Benzo(b)fluoranthene	23.974	252	551690	50.318	ng	99
89) Benzo(k)fluoranthene	24.044	252	514572	47.761	ng	98
90) Benzo(a)pyrene	24.866	252	524132	56.165	ng	99
91) Dibenzo(a,h)anthracene	28.826	278	524301	49.322	ng	100
92) Benzo(g,h,i)perylene	29.948	276	523284	49.661	ng	97

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

