

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057539.D
 Acq On : 24 May 2023 18:11
 Operator : CG/JU
 Sample : 02869-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	19409	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	72994	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	51250	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	133079	20.000	ng	0.00
76) Chrysene-d12	22.021	240	129365	20.000	ng	-0.01
86) Perylene-d12	25.522	264	139345	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	122738	108.175	ng	0.00
7) Phenol-d6	7.506	99	177292	102.899	ng	0.00
23) Nitrobenzene-d5	9.538	82	107196	61.637	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	86324	118.710	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	253184	66.534	ng	0.00
79) Terphenyl-d14	20.276	244	534844	67.470	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	19278	41.092	ng	98
3) Pyridine	4.098	79	55135	36.570	ng	99
4) n-Nitrosodimethylamine	4.004	42	28317	39.967	ng	89
6) Aniline	7.670	93	83434	38.172	ng	93
8) 2-Chlorophenol	7.917	128	60868	50.769	ng	99
9) Benzaldehyde	7.482	77	43591	49.335	ng	98
10) Phenol	7.529	94	79929	47.589	ng	96
11) bis(2-Chloroethyl)ether	7.758	93	56546	44.647	ng	98
12) 1,3-Dichlorobenzene	8.246	146	67121	50.725	ng	94
13) 1,4-Dichlorobenzene	8.393	146	67717	50.947	ng	98
14) 1,2-Dichlorobenzene	8.716	146	66269	51.646	ng	95
15) Benzyl Alcohol	8.592	79	64327	44.816	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.880	45	68148	42.691	ng	98
17) 2-Methylphenol	8.798	107	54445	44.969	ng	94
18) Hexachloroethane	9.450	117	24484	51.044	ng	92
19) n-Nitroso-di-n-propyla...	9.156	70	49502	37.679	ng	98
20) 3+4-Methylphenols	9.127	107	73955	44.609	ng	96
22) Acetophenone	9.186	105	96370	46.128	ng	# 95
24) Nitrobenzene	9.579	77	76399	43.523	ng	95
25) Isophorone	10.096	82	134714	39.946	ng	99
26) 2-Nitrophenol	10.296	139	34112	50.769	ng	93
27) 2,4-Dimethylphenol	10.343	122	59336	50.433	ng	99
28) bis(2-Chloroethoxy)met...	10.572	93	74648	44.184	ng	98
29) 2,4-Dichlorophenol	10.842	162	62829	50.349	ng	95
30) 1,2,4-Trichlorobenzene	11.054	180	69412	48.226	ng	98
31) Naphthalene	11.248	128	183922	47.131	ng	99
32) Benzoic acid	10.496	122	36551	53.297	ng	92
33) 4-Chloroaniline	11.347	127	64600	36.862	ng	97
34) Hexachlorobutadiene	11.512	225	49338	46.198	ng	95
35) Caprolactam	12.123	113	22154m	51.973	ng	
36) 4-Chloro-3-methylphenol	12.452	107	68049	47.986	ng	98
37) 2-Methylnaphthalene	12.822	142	133351	43.462	ng	98
38) 1-Methylnaphthalene	13.039	142	125908	43.538	ng	99
40) 1,2,4,5-Tetrachloroben...	13.186	216	89666	49.283	ng	99
41) Hexachlorocyclopentadiene	13.157	237	73834	84.078	ng	98
43) 2,4,6-Trichlorophenol	13.421	196	58863	53.104	ng	98

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44) 2,4,5-Trichlorophenol	13.503	196	61923	47.492	ng	98
46) 1,1'-Biphenyl	13.809	154	187877	49.403	ng	99
47) 2-Chloronaphthalene	13.862	162	143229	50.647	ng	98
48) 2-Nitroaniline	14.061	65	46611	48.474	ng	91
49) Acenaphthylene	14.702	152	220578	48.011	ng	99
50) Dimethylphthalate	14.408	163	187633	44.553	ng	100
51) 2,6-Dinitrotoluene	14.543	165	42208	49.086	ng	# 85
52) Acenaphthene	15.037	154	136433	47.523	ng	99
53) 3-Nitroaniline	14.878	138	35267	40.939	ng	90
54) 2,4-Dinitrophenol	15.095	184	58452	107.937	ng	96
55) Dibenzofuran	15.366	168	228117	47.291	ng	100
56) 4-Nitrophenol	15.189	139	66361	115.825	ng	90
57) 2,4-Dinitrotoluene	15.330	165	63162	51.397	ng	90
58) Fluorene	16.012	166	189052	47.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.595	232	63071m	53.355	ng	
60) Diethylphthalate	15.753	149	196283	45.893	ng	98
61) 4-Chlorophenyl-phenyle...	15.988	204	107761	45.021	ng	95
62) 4-Nitroaniline	16.041	138	46287	53.262	ng	87
63) Azobenzene	16.282	77	195195	47.301	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	45098	56.760	ng	95
66) n-Nitrosodiphenylamine	16.206	169	167535	46.352	ng	100
67) 4-Bromophenyl-phenylether	16.887	248	72369	44.547	ng	99
68) Hexachlorobenzene	17.022	284	78896	49.975	ng	94
69) Atrazine	17.140	200	82828	60.073	ng	97
70) Pentachlorophenol	17.369	266	86993	95.614	ng	97
71) Phenanthrene	17.756	178	330343	48.443	ng	99
72) Anthracene	17.845	178	337360	48.214	ng	98
73) Carbazole	18.115	167	309045	52.464	ng	97
74) Di-n-butylphthalate	18.626	149	359701	53.073	ng	98
75) Fluoranthene	19.742	202	425765	50.200	ng	99
77) Benzidine	19.912	184	223506	77.280	ng	99
78) Pyrene	20.106	202	434174	46.187	ng	99
80) Butylbenzylphthalate	20.952	149	160978	53.971	ng	97
81) Benzo(a)anthracene	21.998	228	433498	47.033	ng	99
82) 3,3'-Dichlorobenzidine	21.898	252	128898	43.662	ng	99
83) Chrysene	22.074	228	397584	45.847	ng	99
84) Bis(2-ethylhexyl)phtha...	21.839	149	225832	51.173	ng	99
85) Di-n-octyl phthalate	23.131	149	383980	52.191	ng	97
87) Indeno(1,2,3-cd)pyrene	29.582	276	484150	47.673	ng	# 95
88) Benzo(b)fluoranthene	24.406	252	440163	48.322	ng	100
89) Benzo(k)fluoranthene	24.477	252	418964	45.263	ng	98
90) Benzo(a)pyrene	25.364	252	385705	43.342	ng	98
91) Dibenzo(a,h)anthracene	29.634	278	405172	47.906	ng	# 98
92) Benzo(g,h,i)perylene	30.856	276	389942	47.219	ng	98

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

