

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057489.D
 Acq On : 22 May 2023 11:46
 Operator : CG/JU
 Sample : PB152895BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152895BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 22 12:29:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	20344	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	82967	20.000	ng	0.00
39) Acenaphthene-d10	14.982	164	65522	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	171905	20.000	ng	0.00
76) Chrysene-d12	22.031	240	147203	20.000	ng	0.01
86) Perylene-d12	25.538	264	165981	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	130283	109.548	ng	0.00
7) Phenol-d6	7.509	99	190201	105.318	ng	0.01
23) Nitrobenzene-d5	9.542	82	118293	59.841	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	104081	111.953	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	312666	64.268	ng	0.00
79) Terphenyl-d14	20.286	244	583522	64.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.668	88	15506	31.533	ng	98
3) Pyridine	4.091	79	41539	26.286	ng	92
4) n-Nitrosodimethylamine	4.002	42	23828	32.086	ng	# 96
6) Aniline	7.674	93	78732	34.365	ng	97
8) 2-Chlorophenol	7.927	128	57042	45.391	ng	99
9) Benzaldehyde	7.486	77	34007	34.557	ng	99
10) Phenol	7.533	94	77942	44.273	ng	99
11) bis(2-Chloroethyl)ether	7.762	93	52838	39.802	ng	97
12) 1,3-Dichlorobenzene	8.250	146	58862	42.439	ng	93
13) 1,4-Dichlorobenzene	8.396	146	60996	43.781	ng	94
14) 1,2-Dichlorobenzene	8.725	146	57821	42.991	ng	96
15) Benzyl Alcohol	8.602	79	61446	40.841	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.878	45	65607m	39.210	ng	
17) 2-Methylphenol	8.802	107	53212	41.930	ng	99
18) Hexachloroethane	9.460	117	21525	42.813	ng	93
19) n-Nitroso-di-n-propyla...	9.166	70	49833	36.187	ng	99
20) 3+4-Methylphenols	9.131	107	74062	42.621	ng	91
22) Acetophenone	9.195	105	91962	38.727	ng	# 94
24) Nitrobenzene	9.583	77	73207	36.691	ng	98
25) Isophorone	10.106	82	136811	35.691	ng	99
26) 2-Nitrophenol	10.300	139	34527	45.209	ng	92
27) 2,4-Dimethylphenol	10.347	122	60076	44.924	ng	97
28) bis(2-Chloroethoxy)met...	10.576	93	75016	39.064	ng	96
29) 2,4-Dichlorophenol	10.846	162	64467	45.452	ng	98
30) 1,2,4-Trichlorobenzene	11.058	180	69258	42.335	ng	98
31) Naphthalene	11.251	128	179441	40.455	ng	99
32) Benzoic acid	10.505	122	31056	41.032	ng	92
33) 4-Chloroaniline	11.357	127	66061	33.165	ng	96
34) Hexachlorobutadiene	11.522	225	49235	40.560	ng	100
35) Caprolactam	12.127	113	21436m	44.244	ng	
36) 4-Chloro-3-methylphenol	12.456	107	73273	45.459	ng	97
37) 2-Methylnaphthalene	12.832	142	137283	39.366	ng	97
38) 1-Methylnaphthalene	13.049	142	131320	39.951	ng	98
40) 1,2,4,5-Tetrachloroben...	13.196	216	96634	41.543	ng	98
41) Hexachlorocyclopentadiene	13.161	237	85254	76.546	ng	96
43) 2,4,6-Trichlorophenol	13.425	196	62907	44.390	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	66300	39.773	ng	97
46) 1,1'-Biphenyl	13.813	154	199339	41.000	ng	98
47) 2-Chloronaphthalene	13.871	162	152406	42.154	ng	99
48) 2-Nitroaniline	14.065	65	50601	41.161	ng	92
49) Acenaphthylene	14.706	152	242676	41.315	ng	100
50) Dimethylphthalate	14.418	163	212506	39.468	ng	100
51) 2,6-Dinitrotoluene	14.547	165	47890	43.563	ng	89
52) Acenaphthene	15.046	154	148658	40.502	ng	97
53) 3-Nitroaniline	14.882	138	38766	35.199	ng	97
54) 2,4-Dinitrophenol	15.099	184	57895	84.729	ng	97
55) Dibenzofuran	15.375	168	253685	41.136	ng	98
56) 4-Nitrophenol	15.193	139	68395	93.373	ng	88
57) 2,4-Dinitrotoluene	15.340	165	67788	43.146	ng	92
58) Fluorene	16.021	166	211692	41.674	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	67841	44.889	ng	99
60) Diethylphthalate	15.763	149	216351	39.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	123125	40.235	ng	95
62) 4-Nitroaniline	16.045	138	47850	43.067	ng	91
63) Azobenzene	16.292	77	199478	37.810	ng	97
65) 4,6-Dinitro-2-methylph...	16.104	198	47063	45.855	ng	97
66) n-Nitrosodiphenylamine	16.215	169	185162	39.658	ng	99
67) 4-Bromophenyl-phenylether	16.891	248	84492	40.263	ng	98
68) Hexachlorobenzene	17.026	284	88900	43.593	ng	98
69) Atrazine	17.143	200	84923	47.681	ng	98
70) Pentachlorophenol	17.373	266	112343	95.588	ng	98
71) Phenanthrene	17.760	178	355680	40.378	ng	98
72) Anthracene	17.854	178	362601	40.117	ng	99
73) Carbazole	18.119	167	322419	42.372	ng	99
74) Di-n-butylphthalate	18.636	149	366386	41.850	ng	99
75) Fluoranthene	19.752	202	432083	39.439	ng	98
77) Benzidine	19.916	184	254880	77.449	ng	99
78) Pyrene	20.110	202	430985	40.292	ng	100
80) Butylbenzylphthalate	20.962	149	149189	43.957	ng	98
81) Benzo(a)anthracene	22.007	228	417941	39.851	ng	100
82) 3,3'-Dichlorobenzidine	21.902	252	120024	35.729	ng	100
83) Chrysene	22.078	228	385425	39.059	ng	99
84) Bis(2-ethylhexyl)phtha...	21.849	149	214517	42.719	ng	97
85) Di-n-octyl phthalate	23.141	149	365783	43.693	ng	97
87) Indeno(1,2,3-cd)pyrene	29.597	276	470843	38.923	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	427150	39.368	ng	99
89) Benzo(k)fluoranthene	24.486	252	405161	36.747	ng	100
90) Benzo(a)pyrene	25.374	252	370457	34.948	ng	97
91) Dibenzo(a,h)anthracene	29.656	278	396244	39.332	ng	100
92) Benzo(g,h,i)perylene	30.878	276	379991	38.630	ng	97

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

