

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055686.D
 Acq On : 18 Nov 2022 11:36
 Operator : CG/JU
 Sample : PB148983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148983BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/21/2022
 Supervised By : Jagrut Upadhyay 11/21/2022

Quant Time: Nov 18 23:53:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	34682	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	159752	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	125990	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	304802	20.000	ng	0.00
76) Chrysene-d12	21.920	240	273212	20.000	ng	0.00
86) Perylene-d12	25.339	264	283263	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	286106	149.110	ng	0.00
7) Phenol-d6	7.401	99	382452	149.736	ng	0.01
23) Nitrobenzene-d5	9.423	82	234092	77.451	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	232923	131.291	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	630916	75.021	ng	0.00
79) Terphenyl-d14	20.204	244	1113994	81.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.612	88	26393	32.187	ng	99
3) Pyridine	4.023	79	74882	29.768	ng	94
4) n-Nitrosodimethylamine	3.935	42	55945	42.007	ng	98
6) Aniline	7.566	93	110876	34.561	ng	97
8) 2-Chlorophenol	7.813	128	109504	49.922	ng	98
9) Benzaldehyde	7.378	77	14335m	8.264	ng	
10) Phenol	7.425	94	142200	49.722	ng	97
11) bis(2-Chloroethyl)ether	7.654	93	96283	43.931	ng	97
12) 1,3-Dichlorobenzene	8.142	146	110606	42.889	ng	98
13) 1,4-Dichlorobenzene	8.289	146	111784	42.895	ng	98
14) 1,2-Dichlorobenzene	8.612	146	110502	44.250	ng	97
15) Benzyl Alcohol	8.488	79	105388m	50.769	ng	
16) 2,2'-oxybis(1-Chloropr...	8.770	45	181712m	45.799	ng	
17) 2-Methylphenol	8.688	107	99777	49.141	ng	98
18) Hexachloroethane	9.346	117	38819	43.279	ng	98
19) n-Nitroso-di-n-propyla...	9.058	70	89004	45.353	ng	98
20) 3+4-Methylphenols	9.017	107	140471	49.525	ng	98
22) Acetophenone	9.076	105	168678	40.634	ng	# 95
24) Nitrobenzene	9.470	77	127067	40.249	ng	99
25) Isophorone	9.987	82	252569	44.103	ng	98
26) 2-Nitrophenol	10.181	139	64494	44.253	ng	95
27) 2,4-Dimethylphenol	10.233	122	116358m	52.459	ng	
28) bis(2-Chloroethoxy)met...	10.468	93	141418	45.998	ng	98
29) 2,4-Dichlorophenol	10.721	162	121572	45.792	ng	99
30) 1,2,4-Trichlorobenzene	10.938	180	123395	40.006	ng	99
31) Naphthalene	11.132	128	338580	39.206	ng	99
32) Benzoic acid	10.380	122	83241	45.614	ng	93
33) 4-Chloroaniline	11.232	127	88830	24.935	ng	98
34) Hexachlorobutadiene	11.409	225	83761	39.770	ng	98
35) Caprolactam	12.008	113	41906m	45.613	ng	
36) 4-Chloro-3-methylphenol	12.337	107	137152	47.002	ng	99
37) 2-Methylnaphthalene	12.719	142	266066	41.148	ng	99
38) 1-Methylnaphthalene	12.936	142	251028	39.990	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	157554	39.794	ng	99
41) Hexachlorocyclopentadiene	13.060	237	195131	97.785	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	113229	41.924	ng	99

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44) 2,4,5-Trichlorophenol	13.389	196	125464	42.273	ng	99
46) 1,1'-Biphenyl	13.712	154	367501	40.028	ng	98
47) 2-Chloronaphthalene	13.759	162	281481	39.444	ng	99
48) 2-Nitroaniline	13.953	65	97601	41.600	ng	99
49) Acenaphthylene	14.599	152	471647	40.136	ng	100
50) Dimethylphthalate	14.317	163	406056	40.430	ng	99
51) 2,6-Dinitrotoluene	14.440	165	86426	42.086	ng	99
52) Acenaphthene	14.940	154	346076m	45.061	ng	
53) 3-Nitroaniline	14.775	138	58974	26.160	ng	95
54) 2,4-Dinitrophenol	14.981	184	109837	93.026	ng	99
55) Dibenzofuran	15.275	168	469994	39.668	ng	99
56) 4-Nitrophenol	15.081	139	147827	83.551	ng	95
57) 2,4-Dinitrotoluene	15.228	165	124295	42.930	ng	95
58) Fluorene	15.921	166	379339	40.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.492	232	116448	40.492	ng	99
60) Diethylphthalate	15.674	149	407722	40.153	ng	100
61) 4-Chlorophenyl-phenyle...	15.903	204	213503	41.044	ng	99
62) 4-Nitroaniline	15.933	138	91711	38.918	ng	95
63) Azobenzene	16.197	77	350066	39.489	ng	99
65) 4,6-Dinitro-2-methylph...	15.991	198	74143	43.563	ng	98
66) n-Nitrosodiphenylamine	16.115	169	342308	40.751	ng	99
67) 4-Bromophenyl-phenylether	16.796	248	143772	41.399	ng	99
68) Hexachlorobenzene	16.920	284	159077	41.310	ng	100
69) Atrazine	17.055	200	122611	36.907	ng	99
70) Pentachlorophenol	17.266	266	199114	84.525	ng	100
71) Phenanthrene	17.660	178	640571	38.944	ng	99
72) Anthracene	17.754	178	643906	40.291	ng	99
73) Carbazole	18.018	167	572240	39.829	ng	100
74) Di-n-butylphthalate	18.553	149	686441	38.478	ng	100
75) Fluoranthene	19.658	202	728766	36.419	ng	100
77) Benzidine	19.828	184	213652	33.802	ng	98
78) Pyrene	20.016	202	742049	40.126	ng	100
80) Butylbenzylphthalate	20.886	149	287682	39.737	ng	99
81) Benzo(a)anthracene	21.896	228	734720	39.044	ng	100
82) 3,3'-Dichlorobenzidine	21.802	252	245244	37.089	ng	99
83) Chrysene	21.967	228	693584	38.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.773	149	415531	39.938	ng	99
85) Di-n-octyl phthalate	23.048	149	710325	39.894	ng	99
87) Indeno(1,2,3-cd)pyrene	29.276	276	876666	37.778	ng	99
88) Benzo(b)fluoranthene	24.246	252	778209	42.185	ng	99
89) Benzo(k)fluoranthene	24.317	252	752618	40.928	ng	99
90) Benzo(a)pyrene	25.175	252	684729	43.254	ng	99
91) Dibenzo(a,h)anthracene	29.346	278	754560	39.791	ng	98
92) Benzo(g,h,i)perylene	30.516	276	732663	38.334	ng	98

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

