

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057428.D
 Acq On : 13 May 2023 5:25
 Operator : CG/JU
 Sample : PB152629BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 06:09:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16587	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	70620	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	56185	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	141462	20.000	ng	0.00
76) Chrysene-d12	22.027	240	126930	20.000	ng	0.00
86) Perylene-d12	25.528	264	134819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	155338	160.199	ng	0.00
7) Phenol-d6	7.505	99	231381	157.139	ng	0.00
23) Nitrobenzene-d5	9.544	82	142819	84.880	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	125904	157.932	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	382625	91.718	ng	0.00
79) Terphenyl-d14	20.288	244	742156	95.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	14495	36.154	ng	97
3) Pyridine	4.098	79	39513	30.667	ng	95
4) n-Nitrosodimethylamine	4.004	42	24515	40.488	ng	# 100
6) Aniline	7.676	93	59532	31.870	ng	98
8) 2-Chlorophenol	7.922	128	56224	54.874	ng	96
9) Benzaldehyde	7.488	77	14108	13.430	ng	97
10) Phenol	7.535	94	75926	52.896	ng	100
11) bis(2-Chloroethyl)ether	7.764	93	48911	45.189	ng	96
12) 1,3-Dichlorobenzene	8.251	146	55120	48.742	ng	97
13) 1,4-Dichlorobenzene	8.398	146	58082	51.133	ng	98
14) 1,2-Dichlorobenzene	8.721	146	55723	50.816	ng	97
15) Benzyl Alcohol	8.598	79	61218	49.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.880	45	59100m	43.322	ng	
17) 2-Methylphenol	8.804	107	52884	51.111	ng	98
18) Hexachloroethane	9.461	117	20388	49.736	ng	93
19) n-Nitroso-di-n-propyla...	9.168	70	47599	42.394	ng	98
20) 3+4-Methylphenols	9.133	107	72987	51.516	ng	93
22) Acetophenone	9.191	105	88939	44.002	ng	# 97
24) Nitrobenzene	9.585	77	71726	42.234	ng	94
25) Isophorone	10.102	82	131910	40.429	ng	98
26) 2-Nitrophenol	10.307	139	33037	50.822	ng	93
27) 2,4-Dimethylphenol	10.349	122	59273	52.073	ng	97
28) bis(2-Chloroethoxy)met...	10.578	93	71792	43.922	ng	98
29) 2,4-Dichlorophenol	10.842	162	65801	54.503	ng	92
30) 1,2,4-Trichlorobenzene	11.059	180	65123	46.767	ng	99
31) Naphthalene	11.253	128	171920	45.537	ng	97
32) Benzoic acid	10.507	122	34047	51.491	ng	92
33) 4-Chloroaniline	11.353	127	35400	20.879	ng	99
34) Hexachlorobutadiene	11.523	225	47415	45.889	ng	97
35) Caprolactam	12.123	113	21168m	51.329	ng	
36) 4-Chloro-3-methylphenol	12.457	107	71572	52.167	ng	99
37) 2-Methylnaphthalene	12.827	142	132476	44.629	ng	95
38) 1-Methylnaphthalene	13.045	142	125009	44.680	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	95095	47.676	ng	98
41) Hexachlorocyclopentadiene	13.162	237	90143	92.918	ng	99
43) 2,4,6-Trichlorophenol	13.427	196	61410	50.535	ng	98

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44) 2,4,5-Trichlorophenol	13.503	196	66813	46.742	ng	97
46) 1,1'-Biphenyl	13.814	154	194944	46.759	ng	98
47) 2-Chloronaphthalene	13.867	162	148054	47.755	ng	99
48) 2-Nitroaniline	14.067	65	48147	45.674	ng	92
49) Acenaphthylene	14.707	152	233530	46.365	ng	100
50) Dimethylphthalate	14.414	163	206191	44.659	ng	99
51) 2,6-Dinitrotoluene	14.549	165	45871	48.660	ng	89
52) Acenaphthene	15.042	154	143655	45.643	ng	98
53) 3-Nitroaniline	14.884	138	26079	27.614	ng	90
54) 2,4-Dinitrophenol	15.095	184	61497	103.784	ng	98
55) Dibenzofuran	15.371	168	243825	46.108	ng	100
56) 4-Nitrophenol	15.189	139	63274	100.737	ng	95
57) 2,4-Dinitrotoluene	15.336	165	67190	49.872	ng	94
58) Fluorene	16.017	166	202984	46.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.600	232	66915	51.634	ng	99
60) Diethylphthalate	15.759	149	209386	44.657	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	119819	45.661	ng	99
62) 4-Nitroaniline	16.041	138	43361	45.512	ng	98
63) Azobenzene	16.293	77	191190	42.261	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	46292	54.811	ng	95
66) n-Nitrosodiphenylamine	16.211	169	180132	46.884	ng	98
67) 4-Bromophenyl-phenylether	16.893	248	80990	46.899	ng	98
68) Hexachlorobenzene	17.022	284	86317	51.436	ng	97
69) Atrazine	17.145	200	73148	49.909	ng	98
70) Pentachlorophenol	17.368	266	89733	92.781	ng	97
71) Phenanthrene	17.762	178	342300	47.222	ng	99
72) Anthracene	17.850	178	349727	47.020	ng	99
73) Carbazole	18.114	167	300970	48.065	ng	99
74) Di-n-butylphthalate	18.631	149	337207	46.806	ng	99
75) Fluoranthene	19.748	202	417162	46.271	ng	99
77) Benzidine	19.918	184	95960	33.816	ng	97
78) Pyrene	20.112	202	425459	46.128	ng	99
80) Butylbenzylphthalate	20.964	149	148961	50.900	ng	95
81) Benzo(a)anthracene	22.009	228	423692	46.851	ng	99
82) 3,3'-Dichlorobenzidine	21.903	252	129109	44.572	ng	100
83) Chrysene	22.080	228	384742	45.217	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	214005	49.424	ng	100
85) Di-n-octyl phthalate	23.143	149	359192	49.759	ng	98
87) Indeno(1,2,3-cd)pyrene	29.587	276	480092	48.860	ng	# 96
88) Benzo(b)fluoranthene	24.406	252	434445	49.296	ng	98
89) Benzo(k)fluoranthene	24.482	252	432726m	48.319	ng	
90) Benzo(a)pyrene	25.369	252	380696	44.216	ng	96
91) Dibenzo(a,h)anthracene	29.640	278	400063	48.890	ng	100
92) Benzo(g,h,i)perylene	30.856	276	386539	48.378	ng	98

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

