

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064176.D
 Acq On : 3 Apr 2025 21:19
 Operator : RC/JU
 Sample : PB167451BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167451BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 01:47:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	28303	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	133092	20.000	ng	-0.01
39) Acenaphthene-d10	14.483	164	102019	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	241112	20.000	ng	0.00
76) Chrysene-d12	21.457	240	247153	20.000	ng	0.00
86) Perylene-d12	24.465	264	262161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	273335	150.796	ng	0.00
7) Phenol-d6	7.032	99	363878	147.566	ng	0.00
23) Nitrobenzene-d5	9.012	82	254551	105.694	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	210729	185.826	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	622132	92.563	ng	0.00
79) Terphenyl-d14	19.847	244	1226464	100.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	24747	30.125	ng	# 90
3) Pyridine	3.742	79	72843	36.461	ng	94
4) n-Nitrosodimethylamine	3.660	42	61533	43.108	ng	93
6) Aniline	7.185	93	84711	35.010	ng	99
8) 2-Chlorophenol	7.426	128	106030	54.465	ng	97
9) Benzaldehyde	6.997	77	57799	40.303	ng	93
10) Phenol	7.056	94	133538	52.894	ng	93
11) bis(2-Chloroethyl)ether	7.279	93	88654	44.791	ng	96
12) 1,3-Dichlorobenzene	7.749	146	102295	47.850	ng	96
13) 1,4-Dichlorobenzene	7.896	146	106184	48.458	ng	96
14) 1,2-Dichlorobenzene	8.213	146	103492	48.980	ng	97
15) Benzyl Alcohol	8.096	79	108365	56.870	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.390	45	212871	47.830	ng	98
17) 2-Methylphenol	8.296	107	95267	56.856	ng	97
18) Hexachloroethane	8.936	117	41193	53.731	ng	95
19) n-Nitroso-di-n-propyla...	8.660	70	86738	50.122	ng	97
20) 3+4-Methylphenols	8.625	107	130993	56.786	ng	93
22) Acetophenone	8.678	105	167191	45.817	ng	# 98
24) Nitrobenzene	9.054	77	130832	52.565	ng	98
25) Isophorone	9.576	82	238760	49.530	ng	# 95
26) 2-Nitrophenol	9.765	139	56784	61.899	ng	96
27) 2,4-Dimethylphenol	9.823	122	110657	76.574	ng	97
28) bis(2-Chloroethoxy)met...	10.058	93	139396	47.697	ng	98
29) 2,4-Dichlorophenol	10.293	162	106169	58.183	ng	100
30) 1,2,4-Trichlorobenzene	10.511	180	106216	48.218	ng	99
31) Naphthalene	10.699	128	337756	47.063	ng	99
32) Benzoic acid	9.976	122	78160m	56.926	ng	
33) 4-Chloroaniline	10.804	127	29950	11.418	ng	98
34) Hexachlorobutadiene	10.987	225	72881	50.477	ng	96
35) Caprolactam	11.574	113	40627m	58.099	ng	
36) 4-Chloro-3-methylphenol	11.933	107	138667	57.973	ng	98
37) 2-Methylnaphthalene	12.309	142	231571	45.707	ng	99
38) 1-Methylnaphthalene	12.526	142	250615	50.490	ng	100
40) 1,2,4,5-Tetrachloroben...	12.679	216	132937	45.643	ng	# 95
41) Hexachlorocyclopentadiene	12.661	237	207064	252.595	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	97758	56.949	ng	95

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44) 2,4,5-Trichlorophenol	12.984	196	109209	57.257	ng	97
46) 1,1'-Biphenyl	13.319	154	366417	47.540	ng	98
47) 2-Chloronaphthalene	13.360	162	275172	48.951	ng	98
48) 2-Nitroaniline	13.560	65	108592	56.226	ng	97
49) Acenaphthylene	14.206	152	477520	53.705	ng	99
50) Dimethylphthalate	13.942	163	381580	50.669	ng	99
51) 2,6-Dinitrotoluene	14.059	165	82465	53.558	ng	96
52) Acenaphthene	14.547	154	282136	47.281	ng	99
53) 3-Nitroaniline	14.383	138	31715	21.790	ng	96
54) 2,4-Dinitrophenol	14.594	184	105922	157.784	ng	# 70
55) Dibenzofuran	14.882	168	463105	47.907	ng	96
56) 4-Nitrophenol	14.700	139	153028	125.363	ng	90
57) 2,4-Dinitrotoluene	14.847	165	131963	61.490	ng	# 98
58) Fluorene	15.534	166	382424	50.793	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.111	232	111984	60.224	ng	# 94
60) Diethylphthalate	15.311	149	419250	51.282	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	191460	51.173	ng	91
62) 4-Nitroaniline	15.552	138	86814	55.246	ng	92
63) Azobenzene	15.822	77	414254	47.485	ng	97
65) 4,6-Dinitro-2-methylph...	15.611	198	78477	70.683	ng	94
66) n-Nitrosodiphenylamine	15.740	169	350536	51.361	ng	98
67) 4-Bromophenyl-phenylether	16.421	248	130700	52.927	ng	94
68) Hexachlorobenzene	16.533	284	144837	52.389	ng	98
69) Atrazine	16.692	200	143980	71.699	ng	93
70) Pentachlorophenol	16.880	266	194044	113.044	ng	98
71) Phenanthrene	17.267	178	654476	50.891	ng	99
72) Anthracene	17.356	178	682335	53.358	ng	98
73) Carbazole	17.626	167	618082	51.768	ng	99
74) Di-n-butylphthalate	18.196	149	743858	52.928	ng	99
75) Fluoranthene	19.277	202	768518	49.569	ng	97
77) Benzidine	19.459	184	209165	61.117	ng	99
78) Pyrene	19.635	202	793876	49.829	ng	100
80) Butylbenzylphthalate	20.534	149	342298	56.555	ng	98
81) Benzo(a)anthracene	21.439	228	811117	51.233	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	130164	25.404	ng	# 97
83) Chrysene	21.498	228	763254	48.337	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	494996	57.812	ng	98
85) Di-n-octyl phthalate	22.508	149	861580	58.339	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	948603	54.080	ng	# 96
88) Benzo(b)fluoranthene	23.519	252	804926	50.789	ng	99
89) Benzo(k)fluoranthene	23.584	252	780833	49.111	ng	99
90) Benzo(a)pyrene	24.330	252	761854	53.976	ng	96
91) Dibenzo(a,h)anthracene	27.926	278	786562	54.090	ng	97
92) Benzo(g,h,i)perylene	28.924	276	743203	49.778	ng	96

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

