

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064060.D
 Acq On : 7 Mar 2025 15:39
 Operator : RC/JU
 Sample : PB167027BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167027BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 16:12:51 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	7.864	152	34687	20.000	ng	0.00
21) Naphthalene-d8	10.655	136	155641	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	112589	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	253745	20.000	ng	0.00
76) Chrysene-d12	21.466	240	254292	20.000	ng	0.00
86) Perylene-d12	24.480	264	275837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	310296	139.681	ng	0.00
7) Phenol-d6	7.030	99	412819	136.602	ng	0.00
23) Nitrobenzene-d5	9.016	82	265661	94.326	ng	0.00
42) 2,4,6-Tribromophenol	15.978	330	185497	148.219	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	638446	86.073	ng	0.00
79) Terphenyl-d14	19.850	244	1175577	93.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	38466	38.207	ng	97
3) Pyridine	3.751	79	96049	39.228	ng	98
4) n-Nitrosodimethylamine	3.669	42	78132	44.663	ng	# 95
6) Aniline	7.188	93	106497	35.913	ng	99
8) 2-Chlorophenol	7.429	128	104925	43.977	ng	98
9) Benzaldehyde	7.000	77	36958	21.027	ng	95
10) Phenol	7.059	94	141366	45.689	ng	98
11) bis(2-Chloroethyl)ether	7.288	93	95875	39.524	ng	94
12) 1,3-Dichlorobenzene	7.752	146	103971	39.683	ng	95
13) 1,4-Dichlorobenzene	7.899	146	108911	40.555	ng	98
14) 1,2-Dichlorobenzene	8.217	146	103707	40.048	ng	98
15) Benzyl Alcohol	8.099	79	105756	45.286	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	233187	42.752	ng	99
17) 2-Methylphenol	8.299	107	98070	47.757	ng	98
18) Hexachloroethane	8.945	117	39503	42.043	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	90329	42.590	ng	99
20) 3+4-Methylphenols	8.628	107	134891	47.714	ng	94
22) Acetophenone	8.681	105	194894	45.671	ng	# 97
24) Nitrobenzene	9.057	77	128238	44.058	ng	98
25) Isophorone	9.580	82	246299	43.692	ng	96
26) 2-Nitrophenol	9.768	139	42881	43.608	ng	92
27) 2,4-Dimethylphenol	9.826	122	101419	60.013	ng	93
28) bis(2-Chloroethoxy)met...	10.067	93	142441	41.677	ng	98
29) 2,4-Dichlorophenol	10.296	162	102575	48.069	ng	97
30) 1,2,4-Trichlorobenzene	10.520	180	105591	40.990	ng	99
31) Naphthalene	10.702	128	344551	41.054	ng	99
32) Benzoic acid	9.973	122	68460m	44.818	ng	
33) 4-Chloroaniline	10.808	127	55447	18.076	ng	99
34) Hexachlorobutadiene	10.996	225	71617	42.415	ng	99
35) Caprolactam	11.566	113	42467m	51.932	ng	
36) 4-Chloro-3-methylphenol	11.930	107	129710	46.372	ng	96
37) 2-Methylnaphthalene	12.312	142	242058	40.855	ng	98
38) 1-Methylnaphthalene	12.529	142	240617	41.453	ng	97
40) 1,2,4,5-Tetrachloroben...	12.682	216	143110	44.522	ng	99
41) Hexachlorocyclopentadiene	12.664	237	140946	155.796	ng	91
43) 2,4,6-Trichlorophenol	12.917	196	90615	47.832	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	101854	48.387	ng	99
46) 1,1'-Biphenyl	13.322	154	385498	45.320	ng	99
47) 2-Chloronaphthalene	13.363	162	259667	41.856	ng	97
48) 2-Nitroaniline	13.563	65	89126	44.061	ng	98
49) Acenaphthylene	14.210	152	435964	44.428	ng	99
50) Dimethylphthalate	13.951	163	349243	42.022	ng	100
51) 2,6-Dinitrotoluene	14.063	165	71443	42.766	ng	91
52) Acenaphthene	14.556	154	276523	41.990	ng	96
53) 3-Nitroaniline	14.386	138	41117	25.598	ng	98
54) 2,4-Dinitrophenol	14.591	184	62531	88.069	ng	# 86
55) Dibenzofuran	14.891	168	426402	39.969	ng	99
56) 4-Nitrophenol	14.697	139	134644	99.947	ng	93
57) 2,4-Dinitrotoluene	14.850	165	104186	45.027	ng	# 96
58) Fluorene	15.537	166	346223	41.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.108	232	96141m	46.850	ng	
60) Diethylphthalate	15.320	149	379847	42.100	ng	100
61) 4-Chlorophenyl-phenyle...	15.532	204	171110	41.440	ng	93
62) 4-Nitroaniline	15.555	138	77649	44.775	ng	99
63) Azobenzene	15.825	77	386892	40.185	ng	99
65) 4,6-Dinitro-2-methylph...	15.608	198	48030	44.528	ng	98
66) n-Nitrosodiphenylamine	15.749	169	312948	43.571	ng	99
67) 4-Bromophenyl-phenylether	16.425	248	113650	43.731	ng	98
68) Hexachlorobenzene	16.536	284	124776	42.886	ng	96
69) Atrazine	16.701	200	138076	65.336	ng	96
70) Pentachlorophenol	16.883	266	165396	91.557	ng	98
71) Phenanthrene	17.271	178	584770	43.207	ng	99
72) Anthracene	17.365	178	599926	44.578	ng	99
73) Carbazole	17.629	167	535441	42.613	ng	99
74) Di-n-butylphthalate	18.205	149	651127	44.024	ng	100
75) Fluoranthene	19.280	202	675567	41.404	ng	98
77) Benzidine	19.462	184	187648	53.291	ng	98
78) Pyrene	19.644	202	714233	43.572	ng	98
80) Butylbenzylphthalate	20.549	149	274108	44.823	ng	98
81) Benzo(a)anthracene	21.442	228	726148	44.579	ng	99
82) 3,3'-Dichlorobenzidine	21.366	252	152208	28.872	ng	96
83) Chrysene	21.507	228	701459	43.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.383	149	424390	48.174	ng	99
85) Di-n-octyl phthalate	22.529	149	723815	47.635	ng	99
87) Indeno(1,2,3-cd)pyrene	27.876	276	835748	45.284	ng	98
88) Benzo(b)fluoranthene	23.534	252	707242	42.412	ng	98
89) Benzo(k)fluoranthene	23.599	252	722895	43.213	ng	99
90) Benzo(a)pyrene	24.345	252	678225	45.669	ng	97
91) Dibenzo(a,h)anthracene	27.952	278	682070	44.579	ng	100
92) Benzo(g,h,i)perylene	28.945	276	653491	41.599	ng	96

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

