

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064075.D
 Acq On : 10 Mar 2025 10:44
 Operator : RC/JU
 Sample : PB167035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BS

Quant Time: Mar 10 12:22:36 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	7.862	152	35194	20.000	ng	# 0.00
21) Naphthalene-d8	10.647	136	154810	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	106817	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	235208	20.000	ng	0.00
76) Chrysene-d12	21.458	240	237204	20.000	ng	0.00
86) Perylene-d12	24.472	264	255311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	312176	138.503	ng	0.00
7) Phenol-d6	7.034	99	419514	136.817	ng	0.00
23) Nitrobenzene-d5	9.014	82	271257	96.830	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	182401	153.621	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	652866	92.773	ng	0.00
79) Terphenyl-d14	19.848	244	1140903	97.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	39346	38.518	ng	94
3) Pyridine	3.749	79	97422	39.216	ng	98
4) n-Nitrosodimethylamine	3.667	42	84337	47.515	ng	# 96
6) Aniline	7.192	93	112017	37.230	ng	98
8) 2-Chlorophenol	7.427	128	107800	44.532	ng	98
9) Benzaldehyde	6.998	77	38322m	21.489	ng	
10) Phenol	7.057	94	140681	44.812	ng	95
11) bis(2-Chloroethyl)ether	7.286	93	99871	40.578	ng	100
12) 1,3-Dichlorobenzene	7.756	146	108395	40.776	ng	97
13) 1,4-Dichlorobenzene	7.897	146	112149	41.159	ng	99
14) 1,2-Dichlorobenzene	8.215	146	108249	41.200	ng	97
15) Benzyl Alcohol	8.097	79	106765	45.059	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.385	45	230210m	41.598	ng	
17) 2-Methylphenol	8.303	107	94962	45.577	ng	97
18) Hexachloroethane	8.943	117	42241	44.309	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	88518	41.135	ng	96
20) 3+4-Methylphenols	8.626	107	132073	46.044	ng	91
22) Acetophenone	8.679	105	192747	45.410	ng	# 99
24) Nitrobenzene	9.055	77	129434	44.708	ng	96
25) Isophorone	9.578	82	242957	43.330	ng	96
26) 2-Nitrophenol	9.766	139	45482	45.930	ng	95
27) 2,4-Dimethylphenol	9.825	122	98186	58.412	ng	93
28) bis(2-Chloroethoxy)met...	10.065	93	141763	41.702	ng	98
29) 2,4-Dichlorophenol	10.295	162	100351	47.279	ng	97
30) 1,2,4-Trichlorobenzene	10.518	180	107016	41.766	ng	98
31) Naphthalene	10.700	128	346205	41.473	ng	99
32) Benzoic acid	9.971	122	68746m	45.164	ng	
33) 4-Chloroaniline	10.806	127	59743	19.581	ng	97
34) Hexachlorobutadiene	10.994	225	72884	43.397	ng	97
35) Caprolactam	11.570	113	41781m	51.367	ng	
36) 4-Chloro-3-methylphenol	11.928	107	124775	44.847	ng	99
37) 2-Methylnaphthalene	12.310	142	244676	41.518	ng	97
38) 1-Methylnaphthalene	12.527	142	241268	41.788	ng	98
40) 1,2,4,5-Tetrachloroben...	12.680	216	142467	46.717	ng	# 96
41) Hexachlorocyclopentadiene	12.662	237	161060	187.650	ng	99
43) 2,4,6-Trichlorophenol	12.915	196	90250	50.214	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	97202	48.673	ng	97
46) 1,1'-Biphenyl	13.320	154	393645	48.778	ng	99
47) 2-Chloronaphthalene	13.362	162	259563	44.100	ng	99
48) 2-Nitroaniline	13.561	65	91303	46.946	ng	94
49) Acenaphthylene	14.208	152	423420	45.482	ng	100
50) Dimethylphthalate	13.949	163	337492	42.802	ng	100
51) 2,6-Dinitrotoluene	14.061	165	69943	44.023	ng	98
52) Acenaphthene	14.554	154	266063	42.585	ng	99
53) 3-Nitroaniline	14.384	138	44978	29.514	ng	99
54) 2,4-Dinitrophenol	14.595	184	60584	89.770	ng	91
55) Dibenzofuran	14.889	168	417547	41.254	ng	100
56) 4-Nitrophenol	14.695	139	130121	101.809	ng	94
57) 2,4-Dinitrotoluene	14.848	165	102503	46.559	ng	# 97
58) Fluorene	15.535	166	338764	42.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.112	232	92576m	47.550	ng	
60) Diethylphthalate	15.318	149	362756	42.379	ng	99
61) 4-Chlorophenyl-phenyle...	15.535	204	166039	42.385	ng	92
62) 4-Nitroaniline	15.553	138	75579	45.936	ng	93
63) Azobenzene	15.823	77	371087	40.626	ng	98
65) 4,6-Dinitro-2-methylph...	15.612	198	47302	46.799	ng	89
66) n-Nitrosodiphenylamine	15.747	169	299630	45.004	ng	99
67) 4-Bromophenyl-phenylether	16.423	248	112186	46.570	ng	92
68) Hexachlorobenzene	16.534	284	120627	44.727	ng	95
69) Atrazine	16.699	200	133132	67.961	ng	93
70) Pentachlorophenol	16.881	266	153962	91.945	ng	97
71) Phenanthrene	17.269	178	559131	44.568	ng	100
72) Anthracene	17.363	178	576746	46.233	ng	98
73) Carbazole	17.627	167	514613	44.184	ng	99
74) Di-n-butylphthalate	18.203	149	619724	45.203	ng	99
75) Fluoranthene	19.278	202	653932	43.237	ng	98
77) Benzidine	19.460	184	190171	57.898	ng	97
78) Pyrene	19.642	202	682286	44.621	ng	98
80) Butylbenzylphthalate	20.541	149	267979	46.803	ng	96
81) Benzo(a)anthracene	21.440	228	697575	45.909	ng	97
82) 3,3'-Dichlorobenzidine	21.364	252	155510	31.624	ng	98
83) Chrysene	21.505	228	678619	44.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.376	149	414970	50.498	ng	98
85) Di-n-octyl phthalate	22.521	149	710281	50.112	ng	99
87) Indeno(1,2,3-cd)pyrene	27.874	276	806871	47.234	ng	98
88) Benzo(b)fluoranthene	23.526	252	671571	43.511	ng	97
89) Benzo(k)fluoranthene	23.591	252	697549	45.050	ng	98
90) Benzo(a)pyrene	24.331	252	655055	47.655	ng	98
91) Dibenzo(a,h)anthracene	27.939	278	675312	47.685	ng	99
92) Benzo(g,h,i)perylene	28.932	276	632964	43.532	ng	96

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

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