

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064039.D
 Acq On : 3 Mar 2025 15:39
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 04 07:13:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	35106	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	165283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	120313	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	263280	20.000	ng	0.00
76) Chrysene-d12	21.462	240	261479	20.000	ng	0.00
86) Perylene-d12	24.476	264	272452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	222902	108.900	ng	0.00
7) Phenol-d6	7.026	99	313855	108.704	ng	0.00
23) Nitrobenzene-d5	9.017	82	313955	110.401	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	126135	95.709	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	774302	97.914	ng	0.00
79) Terphenyl-d14	19.852	244	1252315	97.211	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.371	88	51269	50.012	ng	95
3) Pyridine	3.759	79	112696	46.342	ng	99
4) n-Nitrosodimethylamine	3.677	42	90702	51.120	ng	95
6) Aniline	7.190	93	154187	50.005	ng	96
8) 2-Chlorophenol	7.425	128	121849	55.966	ng	95
9) Benzaldehyde	7.002	77	81575	47.394	ng	96
10) Phenol	7.055	94	158243	52.622	ng	98
11) bis(2-Chloroethyl)ether	7.290	93	129556	51.927	ng	95
12) 1,3-Dichlorobenzene	7.754	146	129966	50.144	ng	97
13) 1,4-Dichlorobenzene	7.901	146	134606	50.239	ng	94
14) 1,2-Dichlorobenzene	8.218	146	129822	50.750	ng	96
15) Benzyl Alcohol	8.095	79	124976	52.742	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.395	45	292752m	52.095	ng	
17) 2-Methylphenol	8.301	107	109680	54.197	ng	94
18) Hexachloroethane	8.947	117	48604	54.130	ng	95
19) n-Nitroso-di-n-propyla...	8.671	70	122877	54.324	ng	99
20) 3+4-Methylphenols	8.630	107	151915	52.315	ng	96
22) Acetophenone	8.682	105	232464	50.967	ng	99
24) Nitrobenzene	9.059	77	163121	54.367	ng	91
25) Isophorone	9.581	82	320054	52.965	ng	99
26) 2-Nitrophenol	9.764	139	41710	50.035	ng	98
27) 2,4-Dimethylphenol	9.828	122	89581	55.763	ng	94
28) bis(2-Chloroethoxy)met...	10.063	93	189457	50.994	ng	96
29) 2,4-Dichlorophenol	10.298	162	113705	48.559	ng	96
30) 1,2,4-Trichlorobenzene	10.516	180	133360	49.465	ng	98
31) Naphthalene	10.704	128	443339	49.800	ng	98
32) Benzoic acid	9.975	122	56743	50.238	ng	98
33) 4-Chloroaniline	10.804	127	170615	51.767	ng	96
34) Hexachlorobutadiene	10.997	225	89666	51.158	ng	95
35) Caprolactam	11.573	113	42712	53.142	ng	# 87
36) 4-Chloro-3-methylphenol	11.932	107	155592	55.075	ng	98
37) 2-Methylnaphthalene	12.314	142	324443	50.506	ng	96
38) 1-Methylnaphthalene	12.531	142	320629	49.993	ng	99
40) 1,2,4,5-Tetrachloroben...	12.678	216	167431	50.129	ng	99
41) Hexachlorocyclopentadiene	12.666	237	47007	52.717	ng	92
43) 2,4,6-Trichlorophenol	12.919	196	98879	47.870	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	111430	48.338	ng	98
46) 1,1'-Biphenyl	13.324	154	449369	48.983	ng	97
47) 2-Chloronaphthalene	13.365	162	327436	49.609	ng	97
48) 2-Nitroaniline	13.559	65	94992	49.329	ng	96
49) Acenaphthylene	14.211	152	517484	49.669	ng	98
50) Dimethylphthalate	13.953	163	427683	54.241	ng	100
51) 2,6-Dinitrotoluene	14.059	165	83368	48.581	ng	92
52) Acenaphthene	14.552	154	353135	49.515	ng	97
53) 3-Nitroaniline	14.388	138	87068	48.328	ng	99
54) 2,4-Dinitrophenol	14.587	184	23911	47.547	ng	94
55) Dibenzofuran	14.887	168	551414	48.359	ng	100
56) 4-Nitrophenol	14.693	139	65185	47.429	ng	87
57) 2,4-Dinitrotoluene	14.846	165	114334	48.514	ng	96
58) Fluorene	15.533	166	429039	48.789	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.110	232	103366	47.647	ng	97
60) Diethylphthalate	15.316	149	463646	55.584	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	211650	47.613	ng	93
62) 4-Nitroaniline	15.551	138	92339	48.386	ng	94
63) Azobenzene	15.827	77	507390	48.582	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	40182	48.290	ng	95
66) n-Nitrosodiphenylamine	15.745	169	371192	50.777	ng	99
67) 4-Bromophenyl-phenylether	16.426	248	135377	50.092	ng	95
68) Hexachlorobenzene	16.538	284	147230	48.918	ng	95
69) Atrazine	16.697	200	83534	50.778	ng	98
70) Pentachlorophenol	16.879	266	83192	46.952	ng	95
71) Phenanthrene	17.272	178	686747	49.023	ng	99
72) Anthracene	17.361	178	695122	49.919	ng	98
73) Carbazole	17.625	167	627907	50.745	ng	97
74) Di-n-butylphthalate	18.201	149	724392	49.108	ng	99
75) Fluoranthene	19.282	202	803165	48.956	ng	98
77) Benzidine	19.464	184	172921	51.387	ng	98
78) Pyrene	19.640	202	826103	49.513	ng	99
80) Butylbenzylphthalate	20.545	149	243554	51.918	ng	96
81) Benzo(a)anthracene	21.444	228	826480	49.595	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	266287	55.472	ng	99
83) Chrysene	21.509	228	825851	49.474	ng	99
84) Bis(2-ethylhexyl)phtha...	21.379	149	410403	49.609	ng	# 97
85) Di-n-octyl phthalate	22.531	149	669305	49.771	ng	98
87) Indeno(1,2,3-cd)pyrene	27.878	276	922966	50.969	ng	98
88) Benzo(b)fluoranthene	23.530	252	829241	50.947	ng	99
89) Benzo(k)fluoranthene	23.594	252	844650	50.989	ng	97
90) Benzo(a)pyrene	24.335	252	741090	51.052	ng	98
91) Dibenzo(a,h)anthracene	27.942	278	766939	51.271	ng	97
92) Benzo(g,h,i)perylene	28.941	276	785702	50.441	ng	99

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

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