

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
 Data File : BG063943.D
 Acq On : 10 Jan 2025 9:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 10 10:53:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 23:17:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	96461	20.000	ng	-0.03
21) Naphthalene-d8	10.557	136	402236	20.000	ng	-0.02
39) Acenaphthene-d10	14.417	164	283248	20.000	ng	-0.02
64) Phenanthrene-d10	17.173	188	635220	20.000	ng	-0.02
76) Chrysene-d12	21.432	240	677486	20.000	ng	-0.02
86) Perylene-d12	24.435	264	706883	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	558282	92.214	ng	-0.03
7) Phenol-d6	6.955	99	795906	90.872	ng	-0.03
23) Nitrobenzene-d5	8.923	82	843074	82.563	ng	-0.03
42) 2,4,6-Tribromophenol	15.921	330	263283	77.083	ng	-0.02
45) 2-Fluorobiphenyl	13.030	172	1573943	80.501	ng	-0.02
79) Terphenyl-d14	19.811	244	2678554	78.501	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	138845	43.623	ng	99
3) Pyridine	3.647	79	386629	45.092	ng	94
4) n-Nitrosodimethylamine	3.565	42	138598	42.290	ng	# 91
6) Aniline	7.096	93	345406	45.400	ng	94
8) 2-Chlorophenol	7.337	128	248073	42.145	ng	98
9) Benzaldehyde	6.908	77	224640	40.165	ng	98
10) Phenol	6.979	94	417958	45.833	ng	94
11) bis(2-Chloroethyl)ether	7.196	93	310139	43.379	ng	93
12) 1,3-Dichlorobenzene	7.654	146	293626	41.386	ng	97
13) 1,4-Dichlorobenzene	7.801	146	297333	41.929	ng	94
14) 1,2-Dichlorobenzene	8.118	146	320676	45.949	ng	98
15) Benzyl Alcohol	8.013	79	273346	43.493	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.295	45	443809	43.122	ng	98
17) 2-Methylphenol	8.224	107	268113	45.295	ng	98
18) Hexachloroethane	8.841	117	122629	44.585	ng	95
19) n-Nitroso-di-n-propyla...	8.571	70	277673	43.411	ng	98
20) 3+4-Methylphenols	8.553	107	357144	44.856	ng	89
22) Acetophenone	8.588	105	499842	41.384	ng	# 97
24) Nitrobenzene	8.965	77	450550	41.093	ng	97
25) Isophorone	9.487	82	726816	40.386	ng	97
26) 2-Nitrophenol	9.675	139	134784	38.741	ng	97
27) 2,4-Dimethylphenol	9.746	122	181245	40.855	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	409349	38.143	ng	99
29) 2,4-Dichlorophenol	10.222	162	258146	38.945	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	308737	38.509	ng	99
31) Naphthalene	10.610	128	888494	40.745	ng	100
32) Benzoic acid	9.928	122	109430m	36.874	ng	
33) 4-Chloroaniline	10.721	127	297083	41.966	ng	96
34) Hexachlorobutadiene	10.892	225	225715	41.072	ng	96
35) Caprolactam	11.491	113	87054	39.772	ng	96
36) 4-Chloro-3-methylphenol	11.867	107	302928	41.170	ng	94
37) 2-Methylnaphthalene	12.225	142	627812	40.976	ng	98
38) 1-Methylnaphthalene	12.449	142	628459	41.241	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.601	216	384385	40.448	ng	99
41) Hexachlorocyclopentadiene	12.578	237	42787	34.328	ng	91
43) 2,4,6-Trichlorophenol	12.848	196	226265	40.422	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.930	196	257633	41.012	ng	94
46) 1,1'-Biphenyl	13.248	154	834549	40.368	ng	97
47) 2-Chloronaphthalene	13.289	162	689733	40.581	ng	99
48) 2-Nitroaniline	13.500	65	223283	39.262	ng	91
49) Acenaphthylene	14.141	152	1025008	40.703	ng	98
50) Dimethylphthalate	13.876	163	833458	40.286	ng	100
51) 2,6-Dinitrotoluene	14.000	165	185436	40.237	ng	99
52) Acenaphthene	14.482	154	614430	39.905	ng	99
53) 3-Nitroaniline	14.329	138	177241	41.924	ng	91
54) 2,4-Dinitrophenol	14.552	184	75715	35.185	ng	97
55) Dibenzofuran	14.822	168	1073625	40.171	ng	99
56) 4-Nitrophenol	14.670	139	127407	43.949	ng	93
57) 2,4-Dinitrotoluene	14.799	165	261030	40.349	ng	98
58) Fluorene	15.475	166	819826	39.480	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	216937	39.134	ng	99
60) Diethylphthalate	15.245	149	792403	38.858	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	442933	39.341	ng	100
62) 4-Nitroaniline	15.504	138	184152	41.904	ng	97
63) Azobenzene	15.762	77	1029173	39.895	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	131290	39.642	ng	96
66) n-Nitrosodiphenylamine	15.686	169	703665	42.537	ng	99
67) 4-Bromophenyl-phenylether	16.362	248	290423	41.356	ng	95
68) Hexachlorobenzene	16.485	284	321186	40.063	ng	97
69) Atrazine	16.638	200	187232	35.307	ng	98
70) Pentachlorophenol	16.838	266	138610	41.676	ng	98
71) Phenanthrene	17.220	178	1406791	42.575	ng	99
72) Anthracene	17.308	178	1380091	42.908	ng	99
73) Carbazole	17.584	167	1299020	43.732	ng	99
74) Di-n-butylphthalate	18.142	149	1353195	40.885	ng	100
75) Fluoranthene	19.241	202	1757545	42.152	ng	99
77) Benzidine	19.429	184	302661	31.928	ng	98
78) Pyrene	19.605	202	1868438	40.206	ng	99
80) Butylbenzylphthalate	20.504	149	478456	33.370	ng	100
81) Benzo(a)anthracene	21.409	228	1795453	39.619	ng	100
82) 3,3'-Dichlorobenzidine	21.332	252	538124	38.224	ng	95
83) Chrysene	21.473	228	1783723	40.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.326	149	764033	34.850	ng	98
85) Di-n-octyl phthalate	22.455	149	1357337	35.540	ng	98
87) Indeno(1,2,3-cd)pyrene	27.842	276	2103710	42.854	ng	99
88) Benzo(b)fluoranthene	23.489	252	1823387	41.264	ng	99
89) Benzo(k)fluoranthene	23.553	252	1868706	42.144	ng	99
90) Benzo(a)pyrene	24.299	252	1650383	42.050	ng	98
91) Dibenzo(a,h)anthracene	27.889	278	1715908	42.238	ng	98
92) Benzo(g,h,i)perylene	28.900	276	1768843	42.326	ng	97

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

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