

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064048.D
 Acq On : 5 Mar 2025 11:03
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 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 14:45:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	32618	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145081	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	102335	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	239469	20.000	ng	0.00
76) Chrysene-d12	21.463	240	245725	20.000	ng	0.00
86) Perylene-d12	24.471	264	254102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	86747	41.526	ng	0.00
7) Phenol-d6	7.027	99	117028	41.181	ng	0.00
23) Nitrobenzene-d5	9.013	82	104347	39.746	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	46324	40.723	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	278220	41.267	ng	0.00
79) Terphenyl-d14	19.847	244	521784	42.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	20346	21.491	ng	94
3) Pyridine	3.760	79	47376	20.577	ng	90
4) n-Nitrosodimethylamine	3.678	42	33180	20.170	ng	# 98
6) Aniline	7.191	93	59532	21.349	ng	98
8) 2-Chlorophenol	7.432	128	46053	20.527	ng	91
9) Benzaldehyde	7.003	77	36954m	22.246	ng	
10) Phenol	7.050	94	59566	20.473	ng	96
11) bis(2-Chloroethyl)ether	7.291	93	46439	20.359	ng	96
12) 1,3-Dichlorobenzene	7.755	146	48956	19.871	ng	98
13) 1,4-Dichlorobenzene	7.902	146	52419	20.757	ng	97
14) 1,2-Dichlorobenzene	8.214	146	50317	20.663	ng	98
15) Benzyl Alcohol	8.096	79	43802	19.946	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	104660	20.405	ng	98
17) 2-Methylphenol	8.302	107	38395	19.883	ng	# 90
18) Hexachloroethane	8.948	117	16959	19.194	ng	99
19) n-Nitroso-di-n-propyla...	8.666	70	41803	20.960	ng	94
20) 3+4-Methylphenols	8.625	107	53440	20.102	ng	93
22) Acetophenone	8.678	105	84092	21.140	ng	94
24) Nitrobenzene	9.060	77	56511	20.828	ng	# 97
25) Isophorone	9.577	82	107881	20.530	ng	98
26) 2-Nitrophenol	9.765	139	13886	18.663	ng	96
27) 2,4-Dimethylphenol	9.824	122	32013	20.322	ng	95
28) bis(2-Chloroethoxy)met...	10.064	93	67945	21.327	ng	97
29) 2,4-Dichlorophenol	10.294	162	40728	20.475	ng	96
30) 1,2,4-Trichlorobenzene	10.517	180	49701	20.698	ng	96
31) Naphthalene	10.705	128	161582	20.654	ng	100
32) Benzoic acid	9.929	122	20223m	20.131	ng	
33) 4-Chloroaniline	10.805	127	59095	20.668	ng	98
34) Hexachlorobutadiene	10.999	225	32675	20.760	ng	96
35) Caprolactam	11.557	113	16251	21.319	ng	97
36) 4-Chloro-3-methylphenol	11.927	107	55024	21.103	ng	94
37) 2-Methylnaphthalene	12.309	142	114303	20.696	ng	94
38) 1-Methylnaphthalene	12.532	142	111828	20.668	ng	95
40) 1,2,4,5-Tetrachloroben...	12.679	216	60556	20.727	ng	98
41) Hexachlorocyclopentadiene	12.667	237	16470	20.029	ng	90
43) 2,4,6-Trichlorophenol	12.914	196	34893	20.264	ng	93

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44) 2,4,5-Trichlorophenol	12.985	196	38995	20.381	ng	95
46) 1,1'-Biphenyl	13.325	154	160835	20.803	ng	97
47) 2-Chloronaphthalene	13.361	162	112611	19.971	ng	99
48) 2-Nitroaniline	13.560	65	28373	18.684	ng	98
49) Acenaphthylene	14.207	152	183469	20.571	ng	99
50) Dimethylphthalate	13.948	163	159500	21.114	ng	100
51) 2,6-Dinitrotoluene	14.054	165	26787	19.614	ng	92
52) Acenaphthene	14.553	154	125939m	20.997	ng	
53) 3-Nitroaniline	14.383	138	30517	20.902	ng	88
54) 2,4-Dinitrophenol	14.594	184	8560	19.958	ng	# 74
55) Dibenzofuran	14.888	168	202235	20.856	ng	96
56) 4-Nitrophenol	14.683	139	20425	16.681	ng	87
57) 2,4-Dinitrotoluene	14.841	165	35172	19.015	ng	# 97
58) Fluorene	15.534	166	157795	20.894	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.111	232	39748	21.310	ng	99
60) Diethylphthalate	15.311	149	174872	21.324	ng	98
61) 4-Chlorophenyl-phenyle...	15.534	204	80605	21.477	ng	95
62) 4-Nitroaniline	15.540	138	32000	20.301	ng	88
63) Azobenzene	15.822	77	182618	20.868	ng	98
65) 4,6-Dinitro-2-methylph...	15.599	198	14079	19.469	ng	95
66) n-Nitrosodiphenylamine	15.740	169	139451	20.573	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	50868	20.740	ng	99
68) Hexachlorobenzene	16.539	284	56538	20.591	ng	95
69) Atrazine	16.692	200	42810	21.465	ng	97
70) Pentachlorophenol	16.874	266	30561	17.926	ng	# 88
71) Phenanthrene	17.268	178	265841	20.813	ng	99
72) Anthracene	17.362	178	264350	20.814	ng	99
73) Carbazole	17.626	167	244169	20.591	ng	100
74) Di-n-butylphthalate	18.202	149	290500	20.812	ng	100
75) Fluoranthene	19.277	202	319913	20.776	ng	98
77) Benzidine	19.459	184	58504	16.960	ng	99
78) Pyrene	19.641	202	331849	20.950	ng	99
80) Butylbenzylphthalate	20.546	149	99429	19.098	ng	98
81) Benzo(a)anthracene	21.439	228	321777	20.443	ng	98
82) 3,3'-Dichlorobenzidine	21.363	252	109121	21.421	ng	98
83) Chrysene	21.504	228	321379	20.471	ng	98
84) Bis(2-ethylhexyl)phtha...	21.381	149	168286	19.769	ng	98
85) Di-n-octyl phthalate	22.526	149	272257	18.542	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	357779	21.044	ng	98
88) Benzo(b)fluoranthene	23.525	252	322554	20.998	ng	98
89) Benzo(k)fluoranthene	23.590	252	325538	21.124	ng	99
90) Benzo(a)pyrene	24.330	252	285622	20.878	ng	97
91) Dibenzo(a,h)anthracene	27.932	278	292558	20.756	ng	99
92) Benzo(g,h,i)perylene	28.931	276	307072	21.219	ng	97

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

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