

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064135.D
 Acq On : 1 Apr 2025 15:03
 Operator : RC/JU
 Sample : Q1664-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-05MS

Quant Time: Apr 01 15:44:53 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

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	35803	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	150441	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	102278	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	228948	20.000	ng	0.00
76) Chrysene-d12	21.457	240	259874	20.000	ng	0.00
86) Perylene-d12	24.465	264	281028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	136162	59.383	ng	0.00
7) Phenol-d6	7.021	99	104425	33.477	ng	0.00
23) Nitrobenzene-d5	9.013	82	311190	114.310	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	209437	184.219	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	704640	104.574	ng	0.00
79) Terphenyl-d14	19.847	244	1310703	101.982	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	15647	15.057	ng	93
3) Pyridine	3.760	79	42568	16.844	ng	98
4) n-Nitrosodimethylamine	3.672	42	33665	18.644	ng	99
6) Aniline	7.186	93	68184	22.276	ng	98
8) 2-Chlorophenol	7.426	128	95098	38.616	ng	99
9) Benzaldehyde	6.998	77	84178m	46.401	ng	
10) Phenol	7.050	94	41238	12.912	ng	98
11) bis(2-Chloroethyl)ether	7.285	93	116365	46.476	ng	99
12) 1,3-Dichlorobenzene	7.750	146	96360	35.632	ng	94
13) 1,4-Dichlorobenzene	7.896	146	99652	35.951	ng	99
14) 1,2-Dichlorobenzene	8.214	146	99999	37.413	ng	98
15) Benzyl Alcohol	8.090	79	79663	33.049	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.384	45	249131m	44.251	ng	
17) 2-Methylphenol	8.302	107	69790	32.926	ng	98
18) Hexachloroethane	8.942	117	36819	37.965	ng	92
19) n-Nitroso-di-n-propyla...	8.666	70	108785	49.693	ng	97
20) 3+4-Methylphenols	8.625	107	84543	28.972	ng	96
22) Acetophenone	8.672	105	209755	50.852	ng	97
24) Nitrobenzene	9.054	77	156461	55.613	ng	96
25) Isophorone	9.577	82	297922	54.676	ng	# 94
26) 2-Nitrophenol	9.759	139	60363	58.957	ng	95
27) 2,4-Dimethylphenol	9.824	122	106888	65.436	ng	91
28) bis(2-Chloroethoxy)met...	10.059	93	168759	51.085	ng	# 98
29) 2,4-Dichlorophenol	10.294	162	107792	52.260	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	112022	44.990	ng	94
31) Naphthalene	10.699	128	370640	45.689	ng	99
32) Benzoic acid	9.912	122	20796m	20.044	ng	
33) 4-Chloroaniline	10.805	127	62684	21.142	ng	98
34) Hexachlorobutadiene	10.993	225	68809	42.161	ng	97
35) Caprolactam	11.569	113	7437m	9.409	ng	
36) 4-Chloro-3-methylphenol	11.927	107	129320	47.831	ng	99
37) 2-Methylnaphthalene	12.309	142	259968	45.394	ng	98
38) 1-Methylnaphthalene	12.526	142	276960	49.363	ng	94
40) 1,2,4,5-Tetrachloroben...	12.679	216	148692	50.923	ng	98
41) Hexachlorocyclopentadiene	12.661	237	187016	227.561	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	106053	61.625	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064135.D
 Acq On : 1 Apr 2025 15:03
 Operator : RC/JU
 Sample : Q1664-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-001-01-05MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 15:44:53 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)
44) 2,4,5-Trichlorophenol	12.985	196	117523	61.460	ng	97
46) 1,1'-Biphenyl	13.320	154	409560	53.002	ng	99
47) 2-Chloronaphthalene	13.361	162	301152	53.437	ng	98
48) 2-Nitroaniline	13.560	65	115806	59.139	ng	96
49) Acenaphthylene	14.207	152	501655	56.277	ng	99
50) Dimethylphthalate	13.948	163	413521	54.772	ng	98
51) 2,6-Dinitrotoluene	14.060	165	85641	55.360	ng	97
52) Acenaphthene	14.547	154	317199	53.023	ng	97
53) 3-Nitroaniline	14.383	138	40418	27.699	ng	98
54) 2,4-Dinitrophenol	14.589	184	90826	136.095	ng #	75
55) Dibenzofuran	14.882	168	490801	50.643	ng	98
56) 4-Nitrophenol	14.688	139	44577	36.426	ng #	86
57) 2,4-Dinitrotoluene	14.841	165	127681	59.472	ng #	96
58) Fluorene	15.535	166	405019	53.658	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.106	232	113519	60.895	ng #	95
60) Diethylphthalate	15.311	149	433728	52.918	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	191821	51.139	ng	92
62) 4-Nitroaniline	15.546	138	84625	53.717	ng	87
63) Azobenzene	15.822	77	449563	51.402	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	74083	70.318	ng	98
66) n-Nitrosodiphenylamine	15.740	169	362322	55.908	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	134537	57.375	ng	97
68) Hexachlorobenzene	16.533	284	145556	55.446	ng	98
69) Atrazine	16.692	200	151192	79.291	ng	93
70) Pentachlorophenol	16.874	266	215982	132.509	ng	98
71) Phenanthrene	17.268	178	692975	56.747	ng	99
72) Anthracene	17.356	178	699296	57.590	ng	98
73) Carbazole	17.626	167	665337	58.686	ng	100
74) Di-n-butylphthalate	18.196	149	801167	60.035	ng	100
75) Fluoranthene	19.277	202	865791	58.810	ng	96
77) Benzidine	19.459	184	92570	25.725	ng	98
78) Pyrene	19.636	202	893089	53.312	ng	99
80) Butylbenzylphthalate	20.540	149	393024	61.422	ng	98
81) Benzo(a)anthracene	21.439	228	952154	57.198	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	178034	33.046	ng	99
83) Chrysene	21.504	228	909095	54.755	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	587683	65.277	ng	99
85) Di-n-octyl phthalate	22.515	149	1006791	64.835	ng	99
87) Indeno(1,2,3-cd)pyrene	27.867	276	1122971	59.723	ng	99
88) Benzo(b)fluoranthene	23.525	252	951807	56.024	ng	99
89) Benzo(k)fluoranthene	23.590	252	944410	55.411	ng	100
90) Benzo(a)pyrene	24.330	252	908180	60.023	ng	96
91) Dibenzo(a,h)anthracene	27.932	278	934889	59.974	ng	98
92) Benzo(g,h,i)perylene	28.931	276	907435	56.698	ng	97

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

