

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064007.D
 Acq On : 5 Feb 2025 20:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 01:28:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	68076	20.000	ng	0.00
21) Naphthalene-d8	10.664	136	290477	20.000	ng	0.00
39) Acenaphthene-d10	14.495	164	193695	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	422788	20.000	ng	0.00
76) Chrysene-d12	21.469	240	443194	20.000	ng	0.00
86) Perylene-d12	24.495	264	471722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	361692	85.185	ng	0.00
7) Phenol-d6	7.039	99	487559	83.675	ng	0.00
23) Nitrobenzene-d5	9.025	82	437214	91.477	ng	0.00
42) 2,4,6-Tribromophenol	15.982	330	183676	87.719	ng	0.00
45) 2-Fluorobiphenyl	13.126	172	996963	78.860	ng	0.00
79) Terphenyl-d14	19.859	244	1675624	78.960	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	78995	39.175	ng	97
3) Pyridine	3.784	79	216039	39.676	ng	96
4) n-Nitrosodimethylamine	3.696	42	125095	39.955	ng	# 98
6) Aniline	7.204	93	242491	38.835	ng	97
8) 2-Chlorophenol	7.439	128	186612	43.132	ng	99
9) Benzaldehyde	7.016	77	140687	44.228	ng	96
10) Phenol	7.063	94	246957	40.263	ng	99
11) bis(2-Chloroethyl)ether	7.303	93	190260	38.522	ng	99
12) 1,3-Dichlorobenzene	7.768	146	200851	39.013	ng	98
13) 1,4-Dichlorobenzene	7.909	146	203276	39.095	ng	97
14) 1,2-Dichlorobenzene	8.226	146	198258	39.783	ng	97
15) Benzyl Alcohol	8.108	79	176670	40.565	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.408	45	404003	40.621	ng	99
17) 2-Methylphenol	8.308	107	159788	40.281	ng	93
18) Hexachloroethane	8.954	117	74954	43.803	ng	93
19) n-Nitroso-di-n-propyla...	8.678	70	162487	40.268	ng	# 96
20) 3+4-Methylphenols	8.637	107	220247	41.675	ng	98
22) Acetophenone	8.690	105	313669	39.302	ng	99
24) Nitrobenzene	9.066	77	221414	40.708	ng	98
25) Isophorone	9.589	82	406620	39.245	ng	99
26) 2-Nitrophenol	9.777	139	69871	51.668	ng	95
27) 2,4-Dimethylphenol	9.836	122	125480	42.101	ng	94
28) bis(2-Chloroethoxy)met...	10.077	93	260697	39.543	ng	97
29) 2,4-Dichlorophenol	10.306	162	166952	40.680	ng	100
30) 1,2,4-Trichlorobenzene	10.529	180	195033	39.831	ng	99
31) Naphthalene	10.711	128	614101	39.432	ng	99
32) Benzoic acid	9.965	122	96618m	48.521	ng	
33) 4-Chloroaniline	10.811	127	234282	39.264	ng	98
34) Hexachlorobutadiene	11.005	225	124631	39.969	ng	100
35) Caprolactam	11.575	113	58390	39.380	ng	96
36) 4-Chloro-3-methylphenol	11.933	107	203371	42.630	ng	99
37) 2-Methylnaphthalene	12.321	142	428488	39.483	ng	98
38) 1-Methylnaphthalene	12.538	142	419437	39.060	ng	100
40) 1,2,4,5-Tetrachloroben...	12.685	216	225430	39.466	ng	99
41) Hexachlorocyclopentadiene	12.674	237	72514	50.160	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	138046	41.815	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064007.D
 Acq On : 5 Feb 2025 20:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 01:28:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	156096	41.880	ng	99
46) 1,1'-Biphenyl	13.332	154	586804	39.790	ng	99
47) 2-Chloronaphthalene	13.373	162	431329	40.128	ng	98
48) 2-Nitroaniline	13.567	65	134960	46.705	ng	95
49) Acenaphthylene	14.219	152	656950	39.348	ng	98
50) Dimethylphthalate	13.960	163	539860	42.036	ng	100
51) 2,6-Dinitrotoluene	14.066	165	106212	44.315	ng	98
52) Acenaphthene	14.560	154	453507	40.494	ng	99
53) 3-Nitroaniline	14.395	138	112978	40.608	ng	92
54) 2,4-Dinitrophenol	14.595	184	31050	50.605	ng	94
55) Dibenzofuran	14.895	168	707747	38.920	ng	99
56) 4-Nitrophenol	14.695	139	91438	41.365	ng	97
57) 2,4-Dinitrotoluene	14.853	165	141829	45.251	ng	# 95
58) Fluorene	15.541	166	544412	38.734	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.118	232	150379	41.981	ng	# 96
60) Diethylphthalate	15.329	149	572533	42.047	ng	99
61) 4-Chlorophenyl-phenyle...	15.541	204	270751	38.393	ng	98
62) 4-Nitroaniline	15.558	138	121880	40.765	ng	98
63) Azobenzene	15.835	77	612813	38.104	ng	99
65) 4,6-Dinitro-2-methylph...	15.617	198	54893	51.141	ng	91
66) n-Nitrosodiphenylamine	15.752	169	470749	40.159	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	175483	41.700	ng	97
68) Hexachlorobenzene	16.546	284	196430	39.703	ng	99
69) Atrazine	16.704	200	152483	39.089	ng	98
70) Pentachlorophenol	16.886	266	124416	42.999	ng	95
71) Phenanthrene	17.280	178	878236	39.550	ng	99
72) Anthracene	17.368	178	879687	39.591	ng	98
73) Carbazole	17.633	167	817315	39.293	ng	98
74) Di-n-butylphthalate	18.214	149	970406	44.757	ng	99
75) Fluoranthene	19.289	202	1029737	38.082	ng	98
77) Benzidine	19.472	184	569123	60.304	ng	98
78) Pyrene	19.648	202	1099995	40.204	ng	98
80) Butylbenzylphthalate	20.553	149	399616	42.542	ng	99
81) Benzo(a)anthracene	21.452	228	1117925	39.729	ng	99
82) 3,3'-Dichlorobenzidine	21.375	252	389171	44.410	ng	97
83) Chrysene	21.516	228	1105164	39.466	ng	99
84) Bis(2-ethylhexyl)phtha...	21.393	149	635268	42.075	ng	98
85) Di-n-octyl phthalate	22.550	149	1059083	43.071	ng	99
87) Indeno(1,2,3-cd)pyrene	27.909	276	1245222	40.918	ng	# 97
88) Benzo(b)fluoranthene	23.543	252	1151681	41.461	ng	98
89) Benzo(k)fluoranthene	23.608	252	1113428	39.037	ng	100
90) Benzo(a)pyrene	24.360	252	1000513	40.353	ng	98
91) Dibenzo(a,h)anthracene	27.979	278	1054650	41.042	ng	98
92) Benzo(g,h,i)perylene	28.972	276	1047630	40.384	ng	99

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

Manual Integrations

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

[illegible]