

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064130.D
 Acq On : 1 Apr 2025 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 16:20:48 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	35250	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	155899	20.000	ng	0.00
39) Acenaphthene-d10	14.485	164	116262	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	250435	20.000	ng	0.00
76) Chrysene-d12	21.459	240	243510	20.000	ng	0.00
86) Perylene-d12	24.468	264	261203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	160201	70.963	ng	0.00
7) Phenol-d6	7.023	99	229050	74.582	ng	0.00
23) Nitrobenzene-d5	9.009	82	233352	82.717	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	113362	87.719	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	579214	75.620	ng	0.00
79) Terphenyl-d14	19.844	244	938242	77.907	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	32975	32.230	ng	98
3) Pyridine	3.757	79	93009	37.380	ng	98
4) n-Nitrosodimethylamine	3.668	42	68172	38.347	ng	97
6) Aniline	7.188	93	107464	35.660	ng	99
8) 2-Chlorophenol	7.423	128	91416	37.703	ng	96
9) Benzaldehyde	7.000	77	63201	35.384	ng	96
10) Phenol	7.053	94	116391	37.016	ng	95
11) bis(2-Chloroethyl)ether	7.282	93	86813	35.217	ng	94
12) 1,3-Dichlorobenzene	7.752	146	96292	36.166	ng	95
13) 1,4-Dichlorobenzene	7.893	146	97302	35.654	ng	96
14) 1,2-Dichlorobenzene	8.210	146	94732	35.998	ng	96
15) Benzyl Alcohol	8.093	79	93063	39.214	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	193956	34.992	ng	98
17) 2-Methylphenol	8.298	107	80092	38.379	ng	97
18) Hexachloroethane	8.939	117	37992	39.789	ng	97
19) n-Nitroso-di-n-propyla...	8.663	70	80268	37.242	ng	96
20) 3+4-Methylphenols	8.621	107	109774	38.209	ng	96
22) Acetophenone	8.674	105	159617	37.342	ng	98
24) Nitrobenzene	9.050	77	115984	39.782	ng	97
25) Isophorone	9.573	82	207273	36.708	ng	97
26) 2-Nitrophenol	9.761	139	42835	43.512	ng	# 94
27) 2,4-Dimethylphenol	9.820	122	66625	39.359	ng	95
28) bis(2-Chloroethoxy)met...	10.061	93	125512	36.663	ng	98
29) 2,4-Dichlorophenol	10.296	162	88528	41.418	ng	98
30) 1,2,4-Trichlorobenzene	10.513	180	99331	38.496	ng	97
31) Naphthalene	10.696	128	328170	39.038	ng	98
32) Benzoic acid	9.955	122	63312m	42.046	ng	
33) 4-Chloroaniline	10.801	127	125776	40.936	ng	98
34) Hexachlorobutadiene	10.989	225	70156	41.481	ng	96
35) Caprolactam	11.565	113	32340	39.482	ng	95
36) 4-Chloro-3-methylphenol	11.929	107	118211	42.191	ng	99
37) 2-Methylnaphthalene	12.305	142	244694	41.231	ng	97
38) 1-Methylnaphthalene	12.529	142	237894	40.916	ng	99
40) 1,2,4,5-Tetrachloroben...	12.676	216	127341	38.365	ng	100
41) Hexachlorocyclopentadiene	12.658	237	45737	48.959	ng	96
43) 2,4,6-Trichlorophenol	12.911	196	80072	40.932	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	89010	40.950	ng	98
46) 1,1'-Biphenyl	13.322	154	343299	39.084	ng	98
47) 2-Chloronaphthalene	13.357	162	245574	38.334	ng	98
48) 2-Nitroaniline	13.557	65	86671	41.926	ng	93
49) Acenaphthylene	14.203	152	391003	38.588	ng	99
50) Dimethylphthalate	13.945	163	323722	37.720	ng	99
51) 2,6-Dinitrotoluene	14.056	165	69536	40.502	ng	96
52) Acenaphthene	14.550	154	255324m	37.546	ng	
53) 3-Nitroaniline	14.385	138	69287	41.772	ng	98
54) 2,4-Dinitrophenol	14.585	184	26830	41.200	ng	91
55) Dibenzofuran	14.885	168	418054	37.949	ng	99
56) 4-Nitrophenol	14.685	139	57108	41.052	ng	94
57) 2,4-Dinitrotoluene	14.844	165	95339	40.317	ng	# 97
58) Fluorene	15.531	166	332741	38.780	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.108	232	87645	41.360	ng	94
60) Diethylphthalate	15.314	149	351236	37.699	ng	98
61) 4-Chlorophenyl-phenyle...	15.531	204	165044	38.708	ng	94
62) 4-Nitroaniline	15.543	138	75185	41.984	ng	99
63) Azobenzene	15.819	77	361599	36.371	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	46107	43.534	ng	92
66) n-Nitrosodiphenylamine	15.743	169	282830	39.898	ng	98
67) 4-Bromophenyl-phenylether	16.424	248	107461	41.896	ng	98
68) Hexachlorobenzene	16.536	284	113017	39.358	ng	99
69) Atrazine	16.688	200	72915	34.958	ng	96
70) Pentachlorophenol	16.877	266	75747	42.485	ng	95
71) Phenanthrene	17.264	178	513553	38.446	ng	100
72) Anthracene	17.358	178	527940	39.748	ng	99
73) Carbazole	17.623	167	475613	38.352	ng	99
74) Di-n-butylphthalate	18.198	149	580832	39.790	ng	100
75) Fluoranthene	19.280	202	604655	37.548	ng	96
77) Benzidine	19.462	184	185855	55.118	ng	99
78) Pyrene	19.638	202	621219	39.575	ng	99
80) Butylbenzylphthalate	20.537	149	242915	41.752	ng	99
81) Benzo(a)anthracene	21.436	228	617605	39.594	ng	99
82) 3,3'-Dichlorobenzidine	21.359	252	204173	40.444	ng	97
83) Chrysene	21.500	228	589987	37.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.371	149	369341	43.782	ng	100
85) Di-n-octyl phthalate	22.517	149	627171	43.102	ng	99
87) Indeno(1,2,3-cd)pyrene	27.864	276	692855	39.645	ng	100
88) Benzo(b)fluoranthene	23.522	252	615287	38.965	ng	98
89) Benzo(k)fluoranthene	23.580	252	610202	38.520	ng	100
90) Benzo(a)pyrene	24.327	252	539179	38.340	ng	98
91) Dibenzo(a,h)anthracene	27.928	278	568575	39.243	ng	97
92) Benzo(g,h,i)perylene	28.921	276	578929	38.918	ng	96

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

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