

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056604.D
 Acq On : 10 Feb 2023 12:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Feb 10 22:48:08 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 10 22:46:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	30112	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	120478	20.000	ng	# 0.00
39) Acenaphthene-d10	14.841	164	103002	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	259760	20.000	ng	0.00
76) Chrysene-d12	21.862	240	239232	20.000	ng	0.00
86) Perylene-d12	25.234	264	265746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.728	112	129391	79.047	ng	0.00
7) Phenol-d6	7.367	99	195783	80.724	ng	0.00
23) Nitrobenzene-d5	9.388	82	166097	78.287	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	105304	76.901	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	574449	77.322	ng	0.00
79) Terphenyl-d14	20.158	244	1070565	78.597	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.501	88	25761	37.795	ng	98
3) Pyridine	3.930	79	81146	39.938	ng	96
4) n-Nitrosodimethylamine	3.842	42	16331	37.796	ng	94
6) Aniline	7.520	93	125740	39.598	ng	99
8) 2-Chlorophenol	7.772	128	69791	38.811	ng	99
9) Benzaldehyde	7.332	77	41064m	35.905	ng	
10) Phenol	7.391	94	98746	40.058	ng	97
11) bis(2-Chloroethyl)ether	7.614	93	66023	38.966	ng	96
12) 1,3-Dichlorobenzene	8.096	146	79880	38.582	ng	98
13) 1,4-Dichlorobenzene	8.243	146	80499	38.393	ng	97
14) 1,2-Dichlorobenzene	8.572	146	79590	39.124	ng	99
15) Benzyl Alcohol	8.448	79	62996	37.857	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.724	45	14626	40.740	ng	95
17) 2-Methylphenol	8.660	107	77082	41.103	ng	95
18) Hexachloroethane	9.306	117	24057	37.935	ng	97
19) n-Nitroso-di-n-propyla...	9.018	70	56541	40.453	ng	99
20) 3+4-Methylphenols	8.989	107	105111	39.995	ng	97
22) Acetophenone	9.042	105	128990	40.296	ng	# 99
24) Nitrobenzene	9.429	77	81052	39.605	ng	97
25) Isophorone	9.952	82	172625	39.439	ng	99
26) 2-Nitrophenol	10.152	139	50266	40.482	ng	98
27) 2,4-Dimethylphenol	10.199	122	84022m	40.434	ng	
28) bis(2-Chloroethoxy)met...	10.428	93	94900	39.247	ng	97
29) 2,4-Dichlorophenol	10.698	162	94146	40.249	ng	98
30) 1,2,4-Trichlorobenzene	10.904	180	102242	39.334	ng	99
31) Naphthalene	11.098	128	251243	39.510	ng	99
32) Benzoic acid	10.364	122	34166m	29.387	ng	
33) 4-Chloroaniline	11.204	127	119852	40.378	ng	98
34) Hexachlorobutadiene	11.368	225	71169	39.007	ng	94
35) Caprolactam	11.985	113	31114	39.441	ng	96
36) 4-Chloro-3-methylphenol	12.320	107	93735	41.496	ng	98
37) 2-Methylnaphthalene	12.684	142	209796	40.019	ng	100
38) 1-Methylnaphthalene	12.902	142	195815	39.995	ng	95
40) 1,2,4,5-Tetrachloroben...	13.049	216	143484	38.130	ng	100
41) Hexachlorocyclopentadiene	13.019	237	61446	34.721	ng	95
43) 2,4,6-Trichlorophenol	13.290	196	93456	38.539	ng	98

02/13/2023

Supervised By : Jagrut
 Padhyay

02/13/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.372	196	106580	37.539	ng	97	02/13/2023
46) 1,1'-Biphenyl	13.677	154	290299	38.857	ng	98	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.730	162	226403	38.770	ng	99	
48) 2-Nitroaniline	13.930	65	49527	41.027	ng	93	
49) Acenaphthylene	14.570	152	378831	39.873	ng	99	
50) Dimethylphthalate	14.283	163	326279	39.154	ng	99	
51) 2,6-Dinitrotoluene	14.418	165	71655	39.430	ng	99	02/13/2023
52) Acenaphthene	14.905	154	221704	39.350	ng	99	
53) 3-Nitroaniline	14.753	138	71047	40.327	ng	94	
54) 2,4-Dinitrophenol	14.970	184	40459	35.513	ng	95	
55) Dibenzofuran	15.240	168	399200	39.509	ng	98	
56) 4-Nitrophenol	15.070	139	46842	38.911	ng	99	
57) 2,4-Dinitrotoluene	15.205	165	102110	39.891	ng	# 98	
58) Fluorene	15.887	166	319014	39.678	ng	97	
59) 2,3,4,6-Tetrachlorophenol	15.469	232	94390	37.391	ng	99	
60) Diethylphthalate	15.634	149	305550	39.048	ng	99	
61) 4-Chlorophenyl-phenyle...	15.863	204	194501	39.646	ng	96	
62) 4-Nitroaniline	15.910	138	71813	40.736	ng	98	
63) Azobenzene	16.157	77	213346	39.624	ng	96	
65) 4,6-Dinitro-2-methylph...	15.975	198	65382	35.801	ng	98	
66) n-Nitrosodiphenylamine	16.080	169	292309	39.745	ng	98	
67) 4-Bromophenyl-phenylether	16.756	248	132416	39.820	ng	98	
68) Hexachlorobenzene	16.891	284	130482	40.062	ng	97	
69) Atrazine	17.020	200	107294	37.815	ng	97	
70) Pentachlorophenol	17.238	266	64776	32.869	ng	95	
71) Phenanthrene	17.626	178	535193	39.366	ng	99	
72) Anthracene	17.714	178	549141	39.348	ng	99	
73) Carbazole	17.984	167	468866	39.446	ng	99	
74) Di-n-butylphthalate	18.507	149	495132	39.672	ng	99	
75) Fluoranthene	19.623	202	668308	38.948	ng	100	
77) Benzidine	19.788	184	272929	42.158	ng	97	
78) Pyrene	19.982	202	677118	39.796	ng	99	
80) Butylbenzylphthalate	20.834	149	210781	40.563	ng	99	
81) Benzo(a)anthracene	21.838	228	667674	39.921	ng	99	
82) 3,3'-Dichlorobenzidine	21.744	252	240477	39.927	ng	99	
83) Chrysene	21.909	228	625134	39.785	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.697	149	295506	39.665	ng	98	
85) Di-n-octyl phthalate	22.949	149	498798	40.203	ng	100	
87) Indeno(1,2,3-cd)pyrene	29.130	276	773430	39.759	ng	# 96	
88) Benzo(b)fluoranthene	24.159	252	657736	39.876	ng	98	
89) Benzo(k)fluoranthene	24.230	252	654150	39.280	ng	99	
90) Benzo(a)pyrene	25.082	252	646511	39.790	ng	99	
91) Dibenzo(a,h)anthracene	29.183	278	654268	40.069	ng	100	
92) Benzo(g,h,i)perylene	30.352	276	630513	40.019	ng	99	

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

