

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054615.D
 Acq On : 12 Aug 2022 9:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022

Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 13 00:34:15 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 13 00:32:40 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	16838	20.000	ng	0.00
21) Naphthalene-d8	10.776	136	65939	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	52636	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	138485	20.000	ng	# 0.00
76) Chrysene-d12	21.628	240	150859	20.000	ng	# 0.00
86) Perylene-d12	24.825	264	157435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.553	112	72655	90.091	ng	0.00
7) Phenol-d6	7.169	99	103189	93.379	ng	0.00
23) Nitrobenzene-d5	9.137	82	105511	87.138	ng	0.00
42) 2,4,6-Tribromophenol	16.111	330	76716	69.416	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	303237	81.270	ng	0.00
79) Terphenyl-d14	19.966	244	635128	83.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	13600	42.389	ng	# 96
3) Pyridine	3.796	79	41694	51.227	ng	96
4) n-Nitrosodimethylamine	3.714	42	22374	49.163	ng	# 85
6) Aniline	7.292	93	58606	45.946	ng	98
8) 2-Chlorophenol	7.545	128	42073	45.396	ng	89
9) Benzaldehyde	7.104	77	27656m	51.680	ng	
10) Phenol	7.198	94	51707	47.095	ng	95
11) bis(2-Chloroethyl)ether	7.380	93	37018	46.242	ng	95
12) 1,3-Dichlorobenzene	7.856	146	49618	43.940	ng	92
13) 1,4-Dichlorobenzene	8.003	146	50952	43.694	ng	97
14) 1,2-Dichlorobenzene	8.320	146	48142	43.779	ng	98
15) Benzyl Alcohol	8.215	79	41409	45.561	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.497	45	50988	50.573	ng	94
17) 2-Methylphenol	8.444	107	36702	46.379	ng	97
18) Hexachloroethane	9.043	117	17470	45.245	ng	# 71
19) n-Nitroso-di-n-propyla...	8.779	70	34578	46.858	ng	98
20) 3+4-Methylphenols	8.773	107	51269	45.981	ng	92
22) Acetophenone	8.796	105	67671	42.670	ng	98
24) Nitrobenzene	9.178	77	51201	43.268	ng	# 84
25) Isophorone	9.701	82	91324	43.367	ng	# 93
26) 2-Nitrophenol	9.895	139	25207	42.260	ng	88
27) 2,4-Dimethylphenol	9.966	122	35308	42.850	ng	93
28) bis(2-Chloroethoxy)met...	10.177	93	45866	43.184	ng	# 97
29) 2,4-Dichlorophenol	10.459	162	51917	41.742	ng	89
30) 1,2,4-Trichlorobenzene	10.641	180	63019	40.912	ng	95
31) Naphthalene	10.829	128	141350	42.704	ng	99
32) Benzoic acid	10.160	122	6706m	24.897	ng	
33) 4-Chloroaniline	10.947	127	58117	43.176	ng	# 93
34) Hexachlorobutadiene	11.105	225	55312	40.632	ng	98
35) Caprolactam	11.728	113	13722m	43.817	ng	
36) 4-Chloro-3-methylphenol	12.104	107	48445	42.815	ng	90
37) 2-Methylnaphthalene	12.439	142	107455	42.274	ng	98
38) 1-Methylnaphthalene	12.657	142	102791m	41.501	ng	
40) 1,2,4,5-Tetrachloroben...	12.809	216	92266	40.010	ng	# 94
41) Hexachlorocyclopentadiene	12.780	237	25312	38.705	ng	98
43) 2,4,6-Trichlorophenol	13.068	196	46152	36.756	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.162	196	49203	34.681	ng	# 91
46) 1,1'-Biphenyl	13.444	154	148458	41.227	ng	95
47) 2-Chloronaphthalene	13.491	162	123929	41.123	ng	96
48) 2-Nitroaniline	13.697	65	35745	45.449	ng	94
49) Acenaphthylene	14.337	152	184766	41.262	ng	99
50) Dimethylphthalate	14.061	163	168384	40.955	ng	# 99
51) 2,6-Dinitrotoluene	14.190	165	38432	42.618	ng	# 79
52) Acenaphthene	14.672	154	113322	41.792	ng	98
53) 3-Nitroaniline	14.531	138	32000	42.429	ng	89
54) 2,4-Dinitrophenol	14.766	184	17217	36.778	ng	# 81
55) Dibenzofuran	15.013	168	195633	40.548	ng	94
56) 4-Nitrophenol	14.901	139	17553	34.884	ng	98
57) 2,4-Dinitrotoluene	14.995	165	53897	41.691	ng	# 89
58) Fluorene	15.659	166	163285	41.163	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.259	232	37185	26.921	ng	# 87
60) Diethylphthalate	15.418	149	163694	41.503	ng	96
61) 4-Chlorophenyl-phenyle...	15.641	204	106518	40.907	ng	89
62) 4-Nitroaniline	15.694	138	33608	42.415	ng	89
63) Azobenzene	15.941	77	124268	43.606	ng	86
65) 4,6-Dinitro-2-methylph...	15.771	198	28509	33.322	ng	79
66) n-Nitrosodiphenylamine	15.865	169	144998	41.937	ng	96
67) 4-Bromophenyl-phenylether	16.540	248	76793	39.483	ng	# 91
68) Hexachlorobenzene	16.675	284	89195	40.102	ng	# 90
69) Atrazine	16.811	200	62235	40.450	ng	94
70) Pentachlorophenol	17.034	266	26023	29.481	ng	95
71) Phenanthrene	17.404	178	282821	41.010	ng	98
72) Anthracene	17.492	178	276695	40.885	ng	99
73) Carbazole	17.768	167	230842	41.431	ng	99
74) Di-n-butylphthalate	18.309	149	278169	42.306	ng	# 97
75) Fluoranthene	19.413	202	365873	38.918	ng	95
77) Benzidine	19.590	184	121251	44.379	ng	99
78) Pyrene	19.778	202	371748	42.946	ng	98
80) Butylbenzylphthalate	20.647	149	118828	44.051	ng	# 88
81) Benzo(a)anthracene	21.605	228	391584	40.890	ng	99
82) 3,3'-Dichlorobenzidine	21.517	252	121275	40.720	ng	# 97
83) Chrysene	21.670	228	369794	40.872	ng	98
84) Bis(2-ethylhexyl)phtha...	21.493	149	166004	43.490	ng	# 92
85) Di-n-octyl phthalate	22.680	149	282275	43.348	ng	# 97
87) Indeno(1,2,3-cd)pyrene	28.526	276	483401	40.361	ng	# 99
88) Benzo(b)fluoranthene	23.808	252	385878	41.445	ng	# 99
89) Benzo(k)fluoranthene	23.879	252	379553	40.962	ng	# 98
90) Benzo(a)pyrene	24.678	252	330611	41.580	ng	99
91) Dibenzo(a,h)anthracene	28.556	278	400406	40.657	ng	# 97
92) Benzo(g,h,i)perylene	29.660	276	397322	40.877	ng	# 93

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

