

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054280.D
 Acq On : 14 Jul 2022 14:50
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:57:47 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 12 15:49:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	15937	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	60139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	50615	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	141619	20.000	ng	# 0.00
76) Chrysene-d12	21.690	240	179892	20.000	ng	# 0.00
86) Perylene-d12	24.928	264	198785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	62415	78.683	ng	0.00
7) Phenol-d6	7.207	99	87014	79.532	ng	0.00
23) Nitrobenzene-d5	9.205	82	89523	80.781	ng	0.00
42) 2,4,6-Tribromophenol	16.162	330	92778	94.627	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	300355	87.193	ng	0.00
79) Terphenyl-d14	20.022	244	738633	84.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	12367	35.649	ng	92
3) Pyridine	3.888	79	32920	37.995	ng	91
4) n-Nitrosodimethylamine	3.800	42	19082	43.594	ng	# 70
6) Aniline	7.366	93	50701	39.423	ng	99
8) 2-Chlorophenol	7.607	128	35506	39.935	ng	92
9) Benzaldehyde	7.178	77	23545	35.837	ng	# 74
10) Phenol	7.237	94	43151	39.092	ng	91
11) bis(2-Chloroethyl)ether	7.454	93	30361	37.296	ng	91
12) 1,3-Dichlorobenzene	7.930	146	45654	42.290	ng	90
13) 1,4-Dichlorobenzene	8.077	146	47305	42.761	ng	98
14) 1,2-Dichlorobenzene	8.394	146	44301	41.704	ng	98
15) Benzyl Alcohol	8.277	79	35799	40.589	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.565	45	37019	32.749	ng	93
17) 2-Methylphenol	8.488	107	31707	40.203	ng	95
18) Hexachloroethane	9.123	117	15559	41.337	ng	# 65
19) n-Nitroso-di-n-propyla...	8.847	70	27838	37.270	ng	# 92
20) 3+4-Methylphenols	8.817	107	44386	40.110	ng	98
22) Acetophenone	8.864	105	59012	40.604	ng	# 99
24) Nitrobenzene	9.246	77	44141	40.516	ng	# 88
25) Isophorone	9.769	82	76651	38.235	ng	# 91
26) 2-Nitrophenol	9.963	139	23297	43.404	ng	# 86
27) 2,4-Dimethylphenol	10.022	122	31627	42.125	ng	90
28) bis(2-Chloroethoxy)met...	10.245	93	38465	37.692	ng	# 95
29) 2,4-Dichlorophenol	10.504	162	48094	44.198	ng	88
30) 1,2,4-Trichlorobenzene	10.715	180	60254	44.879	ng	93
31) Naphthalene	10.903	128	127989	42.322	ng	98
32) Benzoic acid	10.192	122	10376m	32.203	ng	
33) 4-Chloroaniline	11.003	127	52822	42.001	ng	95
34) Hexachlorobutadiene	11.185	225	55544	49.860	ng	97
35) Caprolactam	11.779	113	12255	39.546	ng	# 74
36) 4-Chloro-3-methylphenol	12.131	107	42996	41.070	ng	# 85
37) 2-Methylnaphthalene	12.501	142	99722	43.028	ng	97
38) 1-Methylnaphthalene	12.719	142	97637	43.392	ng	96
40) 1,2,4,5-Tetrachloroben...	12.871	216	95231	46.351	ng	# 94
41) Hexachlorocyclopentadiene	12.854	237	23073	42.551	ng	96
43) 2,4,6-Trichlorophenol	13.112	196	50316	42.643	ng	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.189	196	57864	44.832	ng	# 91
46) 1,1'-Biphenyl	13.506	154	143536	42.171	ng	95
47) 2-Chloronaphthalene	13.553	162	119926	42.147	ng	95
48) 2-Nitroaniline	13.747	65	31225	38.773	ng	# 88
49) Acenaphthylene	14.393	152	178639	41.384	ng	100
50) Dimethylphthalate	14.123	163	168264	42.341	ng	99
51) 2,6-Dinitrotoluene	14.240	165	36794	42.597	ng	# 76
52) Acenaphthene	14.734	154	109375	41.892	ng	99
53) 3-Nitroaniline	14.575	138	31226	40.783	ng	83
54) 2,4-Dinitrophenol	14.781	184	14367	33.758	ng	# 78
55) Dibenzofuran	15.069	168	197977	43.171	ng	96
56) 4-Nitrophenol	14.893	139	20188	41.042	ng	94
57) 2,4-Dinitrotoluene	15.034	165	53514	42.785	ng	# 84
58) Fluorene	15.715	166	161531	42.401	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.298	232	59705	46.185	ng	# 82
60) Diethylphthalate	15.480	149	159671	41.194	ng	96
61) 4-Chlorophenyl-phenyle...	15.703	204	109498	45.249	ng	# 89
62) 4-Nitroaniline	15.733	138	32617	40.786	ng	96
63) Azobenzene	15.997	77	113245	38.768	ng	81
65) 4,6-Dinitro-2-methylph...	15.803	198	33465	40.168	ng	78
66) n-Nitrosodiphenylamine	15.921	169	145418	40.710	ng	96
67) 4-Bromophenyl-phenylether	16.596	248	84428	44.698	ng	# 91
68) Hexachlorobenzene	16.726	284	99223	46.023	ng	# 89
69) Atrazine	16.861	200	67141	42.558	ng	95
70) Pentachlorophenol	17.072	266	33679	37.015	ng	96
71) Phenanthrene	17.454	178	295929	41.774	ng	98
72) Anthracene	17.548	178	291079	41.956	ng	97
73) Carbazole	17.819	167	239024	40.684	ng	98
74) Di-n-butylphthalate	18.371	149	276682	39.771	ng	98
75) Fluoranthene	19.470	202	407382	42.286	ng	95
77) Benzidine	19.640	184	125341	39.692	ng	97
78) Pyrene	19.828	202	414872	40.072	ng	98
80) Butylbenzylphthalate	20.709	149	127232	37.928	ng	# 80
81) Benzo(a)anthracene	21.667	228	476629	41.885	ng	98
82) 3,3'-Dichlorobenzidine	21.579	252	149981	43.122	ng	# 96
83) Chrysene	21.737	228	448507	41.672	ng	98
84) Bis(2-ethylhexyl)phtha...	21.567	149	183112	38.473	ng	# 92
85) Di-n-octyl phthalate	22.777	149	314142	38.339	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.641	276	642909	42.991	ng	# 96
88) Benzo(b)fluoranthene	23.900	252	490974	41.651	ng	# 98
89) Benzo(k)fluoranthene	23.964	252	493498	42.200	ng	# 96
90) Benzo(a)pyrene	24.775	252	425803	42.218	ng	# 99
91) Dibenzo(a,h)anthracene	28.694	278	530883	43.334	ng	# 97
92) Benzo(g,h,i)perylene	29.799	276	521749	42.698	ng	# 93

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

