

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053025.D
 Acq On : 5 Apr 2022 10:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 14:25:14 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 05 14:24:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	34817	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	131242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.751	164	99207	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	232408	20.000	ng	0.00
76) Chrysene-d12	21.783	240	242049	20.000	ng	0.00
86) Perylene-d12	25.084	264	262690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	150343	75.200	ng	0.00
7) Phenol-d6	7.285	99	226632	75.192	ng	0.00
23) Nitrobenzene-d5	9.294	82	243081	92.960	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	110404	82.819	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	528150	78.517	ng	0.00
79) Terphenyl-d14	20.097	244	998627	73.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	37090	37.087	ng	# 91
3) Pyridine	3.989	79	101216m	39.482	ng	
4) n-Nitrosodimethylamine	3.901	42	47032	41.355	ng	# 79
6) Aniline	7.450	93	129111	36.533	ng	95
8) 2-Chlorophenol	7.696	128	77724	36.999	ng	97
9) Benzaldehyde	7.267	77	63092	37.433	ng	94
10) Phenol	7.309	94	113362	38.101	ng	91
11) bis(2-Chloroethyl)ether	7.543	93	79282	35.285	ng	91
12) 1,3-Dichlorobenzene	8.025	146	88161m	34.856	ng	
13) 1,4-Dichlorobenzene	8.172	146	91012	35.813	ng	97
14) 1,2-Dichlorobenzene	8.495	146	85982	35.775	ng	96
15) Benzyl Alcohol	8.366	79	98343	38.751	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.654	45	135508	34.632	ng	97
17) 2-Methylphenol	8.566	107	72107	36.354	ng	95
18) Hexachloroethane	9.224	117	34300	36.787	ng	93
19) n-Nitroso-di-n-propyla...	8.936	70	80277	37.605	ng	97
20) 3+4-Methylphenols	8.895	107	106176	38.251	ng	91
22) Acetophenone	8.953	105	135889	40.011	ng	# 93
24) Nitrobenzene	9.335	77	117879	45.054	ng	93
25) Isophorone	9.858	82	206541	40.792	ng	99
26) 2-Nitrophenol	10.046	139	48820	53.732	ng	95
27) 2,4-Dimethylphenol	10.105	122	69074	37.160	ng	91
28) bis(2-Chloroethoxy)met...	10.340	93	115362	38.533	ng	98
29) 2,4-Dichlorophenol	10.586	162	87399	41.786	ng	98
30) 1,2,4-Trichlorobenzene	10.810	180	98886	40.077	ng	98
31) Naphthalene	10.998	128	259930	38.300	ng	99
32) Benzoic acid	10.228	122	49830	37.507	ng	# 91
33) 4-Chloroaniline	11.092	127	113010	39.288	ng	95
34) Hexachlorobutadiene	11.286	225	71291	40.298	ng	98
35) Caprolactam	11.861	113	30372	53.179	ng	# 88
36) 4-Chloro-3-methylphenol	12.208	107	104123	42.869	ng	94
37) 2-Methylnaphthalene	12.590	142	193897	39.012	ng	96
38) 1-Methylnaphthalene	12.807	142	186129m	38.372	ng	
40) 1,2,4,5-Tetrachloroben...	12.960	216	122535	39.535	ng	99
41) Hexachlorocyclopentadiene	12.942	237	69976	38.088	ng	96
43) 2,4,6-Trichlorophenol	13.189	196	87134	43.899	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	92741	46.034	ng	97
46) 1,1'-Biphenyl	13.588	154	259810	37.448	ng	97
47) 2-Chloronaphthalene	13.635	162	207272	37.936	ng	95
48) 2-Nitroaniline	13.823	65	81306	54.412	ng	89
49) Acenaphthylene	14.475	152	329841	37.871	ng	98
50) Dimethylphthalate	14.199	163	283688	38.476	ng	99
51) 2,6-Dinitrotoluene	14.317	165	58983	47.381	ng	# 71
52) Acenaphthene	14.816	154	221398	39.679	ng	96
53) 3-Nitroaniline	14.646	138	65255	44.797	ng	94
54) 2,4-Dinitrophenol	14.851	184	35411	52.185	ng	# 88
55) Dibenzofuran	15.151	168	349666	38.374	ng	98
56) 4-Nitrophenol	14.939	139	50866	42.808	ng	# 81
57) 2,4-Dinitrotoluene	15.104	165	81030	46.913	ng	85
58) Fluorene	15.797	166	274993	37.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.374	232	89302	41.471	ng	99
60) Diethylphthalate	15.556	149	292643	37.601	ng	100
61) 4-Chlorophenyl-phenyle...	15.785	204	153917	37.575	ng	98
62) 4-Nitroaniline	15.809	138	66677	43.319	ng	# 78
63) Azobenzene	16.079	77	310216	37.292	ng	97
65) 4,6-Dinitro-2-methylph...	15.868	198	58798	56.749	ng	96
66) n-Nitrosodiphenylamine	15.997	169	244697	37.398	ng	99
67) 4-Bromophenyl-phenylether	16.678	248	109263	38.995	ng	97
68) Hexachlorobenzene	16.802	284	117286	38.943	ng	92
69) Atrazine	16.937	200	92433	38.312	ng	99
70) Pentachlorophenol	17.142	266	71912	38.487	ng	88
71) Phenanthrene	17.536	178	466659	37.533	ng	99
72) Anthracene	17.630	178	462721	37.647	ng	98
73) Carbazole	17.894	167	452882	37.204	ng	98
74) Di-n-butylphthalate	18.446	149	497440	37.406	ng	98
75) Fluoranthene	19.545	202	608211	38.537	ng	99
77) Benzidine	19.715	184	271370	43.468	ng	100
78) Pyrene	19.903	202	613250	36.524	ng	99
80) Butylbenzylphthalate	20.779	149	226991	38.112	ng	96
81) Benzo(a)anthracene	21.760	228	608285	37.530	ng	100
82) 3,3'-Dichlorobenzidine	21.666	252	219766	38.397	ng	99
83) Chrysene	21.830	228	567404	37.238	ng	99
84) Bis(2-ethylhexyl)phtha...	21.654	149	308733	38.116	ng	98
85) Di-n-octyl phthalate	22.893	149	531930	39.449	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.868	276	722372	40.176	ng	99
88) Benzo(b)fluoranthene	24.033	252	616229m	37.781	ng	
89) Benzo(k)fluoranthene	24.103	252	584970	36.452	ng	97
90) Benzo(a)pyrene	24.926	252	515372	37.328	ng	100
91) Dibenzo(a,h)anthracene	28.932	278	586443	39.582	ng	99
92) Benzo(g,h,i)perylene	30.048	276	581882	39.694	ng	98

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

