

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051122.D
 Acq On : 19 Nov 2021 12:56
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 19 13:46:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 13:43:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	25114	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	109378	20.000	ng	# 0.00
39) Acenaphthene-d10	14.838	164	77626	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	182425	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	162557	20.000	ng	# 0.00
86) Perylene-d12	25.279	264	166196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	126297	75.228	ng	0.00
7) Phenol-d6	7.365	99	179842	75.895	ng	0.00
23) Nitrobenzene-d5	9.386	82	186465	75.465	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	66154	85.159	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	393901	80.176	ng	0.00
79) Terphenyl-d14	20.173	244	701275	82.153	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	26612	32.715	ng	95
3) Pyridine	4.004	79	80768	36.236	ng	# 88
4) n-Nitrosodimethylamine	3.916	42	34698	35.095	ng	# 41
6) Aniline	7.529	93	107313	38.025	ng	98
8) 2-Chlorophenol	7.770	128	65545	38.011	ng	93
9) Benzaldehyde	7.341	77	59256	34.751	ng	91
10) Phenol	7.388	94	91404	37.559	ng	84
11) bis(2-Chloroethyl)ether	7.618	93	69146	36.874	ng	87
12) 1,3-Dichlorobenzene	8.099	146	70948m	37.776	ng	
13) 1,4-Dichlorobenzene	8.246	146	73354	38.805	ng	96
14) 1,2-Dichlorobenzene	8.563	146	69391	37.796	ng	95
15) Benzyl Alcohol	8.446	79	73956	39.680	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.728	45	99218	33.008	ng	90
17) 2-Methylphenol	8.652	107	62155	38.358	ng	# 89
18) Hexachloroethane	9.298	117	27282	38.021	ng	96
19) n-Nitroso-di-n-propyla...	9.010	70	66294	37.858	ng	# 86
20) 3+4-Methylphenols	8.981	107	89998	39.359	ng	93
22) Acetophenone	9.039	105	113767	37.423	ng	# 93
24) Nitrobenzene	9.427	77	90647	37.211	ng	# 88
25) Isophorone	9.944	82	169524	37.959	ng	# 95
26) 2-Nitrophenol	10.144	139	41559	40.141	ng	# 89
27) 2,4-Dimethylphenol	10.191	122	59895	37.954	ng	94
28) bis(2-Chloroethoxy)met...	10.420	93	100220	37.753	ng	94
29) 2,4-Dichlorophenol	10.685	162	68190	40.414	ng	96
30) 1,2,4-Trichlorobenzene	10.896	180	76503	40.472	ng	93
31) Naphthalene	11.084	128	225623	38.416	ng	99
32) Benzoic acid	10.344	122	41804	34.371	ng	# 76
33) 4-Chloroaniline	11.196	127	96771	38.998	ng	96
34) Hexachlorobutadiene	11.354	225	46539	40.462	ng	95
35) Caprolactam	11.971	113	18727	40.820	ng	# 85
36) 4-Chloro-3-methylphenol	12.306	107	85208	40.477	ng	# 95
37) 2-Methylnaphthalene	12.676	142	159026	39.847	ng	92
38) 1-Methylnaphthalene	12.894	142	155176	39.788	ng	95
40) 1,2,4,5-Tetrachloroben...	13.041	216	91466	40.446	ng	97
41) Hexachlorocyclopentadiene	13.011	237	20583	26.727	ng	96
43) 2,4,6-Trichlorophenol	13.281	196	64165	39.769	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.358	196	71664	41.647	ng	89
46) 1,1'-Biphenyl	13.675	154	216326	38.163	ng	97
47) 2-Chloronaphthalene	13.722	162	171314	38.545	ng	98
48) 2-Nitroaniline	13.928	65	63662	37.404	ng	87
49) Acenaphthylene	14.562	152	273922	38.107	ng	97
50) Dimethylphthalate	14.280	163	236055	38.649	ng	99
51) 2,6-Dinitrotoluene	14.415	165	49481	39.364	ng	# 79
52) Acenaphthene	14.903	154	160602	38.344	ng	93
53) 3-Nitroaniline	14.750	138	56937	38.756	ng	97
54) 2,4-Dinitrophenol	14.962	184	27375	39.823	ng	# 82
55) Dibenzofuran	15.238	168	276148	38.763	ng	97
56) 4-Nitrophenol	15.062	139	43185	38.425	ng	# 67
57) 2,4-Dinitrotoluene	15.203	165	72132	40.443	ng	# 89
58) Fluorene	15.884	166	218241	39.245	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.461	232	61134	41.715	ng	# 97
60) Diethylphthalate	15.632	149	246236	38.421	ng	98
61) 4-Chlorophenyl-phenyle...	15.867	204	120209	40.021	ng	94
62) 4-Nitroaniline	15.914	138	60501	39.618	ng	# 62
63) Azobenzene	16.160	77	246780	36.336	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.967	198	45629	40.430	ng	92
66) n-Nitrosodiphenylamine	16.084	169	201634	38.487	ng	99
67) 4-Bromophenyl-phenylether	16.760	248	75337	39.426	ng	96
68) Hexachlorobenzene	16.889	284	75247	40.006	ng	97
69) Atrazine	17.024	200	53242	40.874	ng	98
70) Pentachlorophenol	17.236	266	38594	36.157	ng	96
71) Phenanthrene	17.629	178	376353	38.677	ng	96
72) Anthracene	17.723	178	372389	38.479	ng	98
73) Carbazole	17.994	167	367588	38.354	ng	99
74) Di-n-butylphthalate	18.517	149	445745	39.254	ng	# 96
75) Fluoranthene	19.627	202	464136	38.879	ng	96
77) Benzidine	19.803	184	118410	38.536	ng	98
78) Pyrene	19.991	202	469612	38.509	ng	98
80) Butylbenzylphthalate	20.849	149	195523	37.300	ng	97
81) Benzo(a)anthracene	21.866	228	429139	38.447	ng	100
82) 3,3'-Dichlorobenzidine	21.772	252	195346	38.267	ng	# 99
83) Chrysene	21.936	228	405202	38.482	ng	97
84) Bis(2-ethylhexyl)phtha...	21.725	149	271067	36.725	ng	# 97
85) Di-n-octyl phthalate	22.988	149	452787	36.443	ng	99
87) Indeno(1,2,3-cd)pyrene	29.198	276	456692	38.714	ng	# 90
88) Benzo(b)fluoranthene	24.198	252	390348	37.313	ng	# 94
89) Benzo(k)fluoranthene	24.269	252	400624	38.397	ng	# 97
90) Benzo(a)pyrene	25.121	252	339406	38.002	ng	# 96
91) Dibenzo(a,h)anthracene	29.263	278	375420	38.654	ng	# 95
92) Benzo(g,h,i)perylene	30.438	276	374034	39.133	ng	# 90

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

