

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054255.D
 Acq On : 12 Jul 2022 14:07
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 14:39:24 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 13:28:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	20547	20.000	ng	0.00
21) Naphthalene-d8	10.855	136	78011	20.000	ng	# 0.00
39) Acenaphthene-d10	14.674	164	65251	20.000	ng	0.00
64) Phenanthrene-d10	17.418	188	175490	20.000	ng	# 0.00
76) Chrysene-d12	21.695	240	200631	20.000	ng	# 0.00
86) Perylene-d12	24.939	264	216582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	123120	114.564	ng	0.00
7) Phenol-d6	7.212	99	171140	117.389	ng	0.00
23) Nitrobenzene-d5	9.210	82	176725	127.306	ng	0.00
42) 2,4,6-Tribromophenol	16.167	330	162866	155.351	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	536061	119.462	ng	0.00
79) Terphenyl-d14	20.027	244	1176492	118.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	23028	49.018	ng	98
3) Pyridine	3.887	79	68671m	54.777	ng	
4) n-Nitrosodimethylamine	3.805	42	36576	66.329	ng	# 84
6) Aniline	7.365	93	100165	57.949	ng	99
8) 2-Chlorophenol	7.612	128	68981	60.115	ng	92
10) Phenol	7.236	94	85802	58.073	ng	94
11) bis(2-Chloroethyl)ether	7.459	93	62427	55.048	ng	94
12) 1,3-Dichlorobenzene	7.935	146	84212	58.568	ng	90
13) 1,4-Dichlorobenzene	8.076	146	85614	59.275	ng	97
14) 1,2-Dichlorobenzene	8.399	146	80860	58.319	ng	98
15) Benzyl Alcohol	8.282	79	71332	65.465	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.570	45	83804	49.433	ng	93
17) 2-Methylphenol	8.487	107	61252	59.678	ng	94
18) Hexachloroethane	9.134	117	28992	60.508	ng	# 71
19) n-Nitroso-di-n-propyla...	8.852	70	59294	60.538	ng	# 95
20) 3+4-Methylphenols	8.822	107	86830	60.324	ng	98
22) Acetophenone	8.863	105	114840	60.562	ng	# 96
24) Nitrobenzene	9.251	77	88157	64.489	ng	# 88
25) Isophorone	9.774	82	163336	63.000	ng	# 94
26) 2-Nitrophenol	9.962	139	44815	74.223	ng	# 87
27) 2,4-Dimethylphenol	10.021	122	62150	63.595	ng	91
28) bis(2-Chloroethoxy)met...	10.250	93	81053	58.033	ng	98
29) 2,4-Dichlorophenol	10.508	162	91534	69.858	ng	91
30) 1,2,4-Trichlorobenzene	10.714	180	109944	67.765	ng	# 96
31) Naphthalene	10.902	128	241566	61.339	ng	100
32) Benzoic acid	10.209	122	29420	87.103	ng	# 86
33) 4-Chloroaniline	11.008	127	104279	63.826	ng	92
34) Hexachlorobutadiene	11.190	225	91307	73.200	ng	99
35) Caprolactam	11.801	113	26828	74.375	ng	# 76
36) 4-Chloro-3-methylphenol	12.136	107	88485	69.468	ng	89
37) 2-Methylnaphthalene	12.506	142	186493	64.005	ng	97
38) 1-Methylnaphthalene	12.723	142	181125m	63.842	ng	
40) 1,2,4,5-Tetrachloroben...	12.876	216	162373	64.580	ng	# 95
41) Hexachlorocyclopentadiene	12.853	237	49356	42.157	ng	97
43) 2,4,6-Trichlorophenol	13.111	196	97259	68.864	ng	97
44) 2,4,5-Trichlorophenol	13.194	196	105001	66.585	ng	# 92

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46) 1,1'-Biphenyl	13.511	154	265240	58.357	ng	96
47) 2-Chloronaphthalene	13.552	162	224508	61.035	ng	96
48) 2-Nitroaniline	13.752	65	65337	66.774	ng	92
49) Acenaphthylene	14.398	152	342084	59.808	ng	100
50) Dimethylphthalate	14.128	163	314724	63.332	ng	# 98
51) 2,6-Dinitrotoluene	14.245	165	71508	71.221	ng	# 77
52) Acenaphthene	14.739	154	206128	56.536	ng	99
53) 3-Nitroaniline	14.580	138	61689	63.419	ng	87
54) 2,4-Dinitrophenol	14.792	184	37231	81.544	ng	# 75
55) Dibenzofuran	15.074	168	363044	61.803	ng	95
56) 4-Nitrophenol	14.897	139	43512	63.007	ng	93
57) 2,4-Dinitrotoluene	15.038	165	103520	73.005	ng	# 84
58) Fluorene	15.720	166	298183	61.824	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.303	232	110933	71.933	ng	# 87
60) Diethylphthalate	15.485	149	305702	63.522	ng	96
61) 4-Chlorophenyl-phenyle...	15.708	204	193612	67.052	ng	# 89
62) 4-Nitroaniline	15.743	138	64261	63.348	ng	88
63) Azobenzene	16.002	77	229194	59.165	ng	87
65) 4,6-Dinitro-2-methylph...	15.808	198	70235	80.221	ng	75
66) n-Nitrosodiphenylamine	15.926	169	271622	59.389	ng	96
67) 4-Bromophenyl-phenylether	16.601	248	146682	66.923	ng	# 89
68) Hexachlorobenzene	16.731	284	167775	66.918	ng	# 89
69) Atrazine	16.872	200	115760	61.099	ng	93
70) Pentachlorophenol	17.077	266	72538	62.285	ng	95
71) Phenanthrene	17.459	178	537809	59.649	ng	97
72) Anthracene	17.553	178	525061	59.636	ng	99
73) Carbazole	17.818	167	441561	58.429	ng	99
74) Di-n-butylphthalate	18.376	149	524043	59.974	ng	# 98
75) Fluoranthene	19.474	202	713993	60.325	ng	95
77) Benzidine	19.645	184	193249	46.512	ng	98
78) Pyrene	19.833	202	713259	58.861	ng	98
80) Butylbenzylphthalate	20.714	149	235802	60.710	ng	# 84
81) Benzo(a)anthracene	21.678	228	777643	59.862	ng	97
82) 3,3'-Dichlorobenzidine	21.584	252	245464	63.245	ng	# 96
83) Chrysene	21.742	228	731745	59.095	ng	95
84) Bis(2-ethylhexyl)phtha...	21.572	149	330748	59.540	ng	# 93
85) Di-n-octyl phthalate	22.788	149	575897	60.318	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.652	276	1016527	62.195	ng	# 97
88) Benzo(b)fluoranthene	23.904	252	795352	60.397	ng	# 98
89) Benzo(k)fluoranthene	23.975	252	796512	61.090	ng	# 99
90) Benzo(a)pyrene	24.786	252	685285	61.677	ng	99
91) Dibenzo(a,h)anthracene	28.722	278	835928	61.850	ng	# 96
92) Benzo(g,h,i)perylene	29.821	276	831665	62.353	ng	# 93

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

