

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054254.D
 Acq On : 12 Jul 2022 13:26
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 14:00:22 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	21782	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	81765	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	67144	20.000	ng	0.00
64) Phenanthrene-d10	17.419	188	176889	20.000	ng	# 0.00
76) Chrysene-d12	21.696	240	208846	20.000	ng	# 0.00
86) Perylene-d12	24.933	264	224956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	105633	92.719	ng	0.00
7) Phenol-d6	7.213	99	149113	96.481	ng	0.00
23) Nitrobenzene-d5	9.205	82	153727	105.655	ng	0.00
42) 2,4,6-Tribromophenol	16.161	330	131180	121.599	ng	0.00
45) 2-Fluorobiphenyl	13.300	172	447594	96.935	ng	0.00
79) Terphenyl-d14	20.027	244	993488	95.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	20645	41.454	ng	98
3) Pyridine	3.887	79	59823m	45.014	ng	
4) n-Nitrosodimethylamine	3.805	42	30531	52.227	ng	# 89
6) Aniline	7.366	93	86665	47.296	ng	98
8) 2-Chlorophenol	7.612	128	59509	48.920	ng	92
9) Benzaldehyde	7.178	77	36563	40.085	ng	80
10) Phenol	7.236	94	74251	47.405	ng	97
11) bis(2-Chloroethyl)ether	7.460	93	53595	44.580	ng	93
12) 1,3-Dichlorobenzene	7.936	146	72057	47.273	ng	90
13) 1,4-Dichlorobenzene	8.077	146	72765	47.523	ng	100
14) 1,2-Dichlorobenzene	8.400	146	69467	47.261	ng	98
15) Benzyl Alcohol	8.282	79	60781	52.619	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.570	45	72705	40.455	ng	95
17) 2-Methylphenol	8.488	107	52342	48.105	ng	95
18) Hexachloroethane	9.128	117	24517	48.267	ng	# 64
19) n-Nitroso-di-n-propyla...	8.852	70	49833	47.994	ng	96
20) 3+4-Methylphenols	8.817	107	73892	48.425	ng	97
22) Acetophenone	8.864	105	98654	49.637	ng	# 96
24) Nitrobenzene	9.252	77	74477	51.981	ng	# 89
25) Isophorone	9.775	82	136401	50.196	ng	# 93
26) 2-Nitrophenol	9.963	139	37761	59.669	ng	88
27) 2,4-Dimethylphenol	10.021	122	51691	50.465	ng	93
28) bis(2-Chloroethoxy)met...	10.251	93	68695	46.926	ng	# 98
29) 2,4-Dichlorophenol	10.503	162	77365	56.333	ng	91
30) 1,2,4-Trichlorobenzene	10.715	180	92131	54.179	ng	94
31) Naphthalene	10.903	128	205183	49.709	ng	98
32) Benzoic acid	10.198	122	23397	66.091	ng	# 79
33) 4-Chloroaniline	11.008	127	87303	50.982	ng	94
34) Hexachlorobutadiene	11.191	225	77107	58.978	ng	98
35) Caprolactam	11.790	113	21239	56.177	ng	# 83
36) 4-Chloro-3-methylphenol	12.137	107	71395	53.478	ng	# 82
37) 2-Methylnaphthalene	12.507	142	158649	51.949	ng	96
38) 1-Methylnaphthalene	12.724	142	153759	51.708	ng	100
40) 1,2,4,5-Tetrachloroben...	12.877	216	136928	52.925	ng	# 94
41) Hexachlorocyclopentadiene	12.853	237	39208	32.545	ng	95
43) 2,4,6-Trichlorophenol	13.112	196	80196	55.182	ng	98

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44) 2,4,5-Trichlorophenol	13.188	196	88664	54.640	ng	# 90
46) 1,1'-Biphenyl	13.506	154	222280	47.526	ng	96
47) 2-Chloronaphthalene	13.553	162	184798	48.823	ng	96
48) 2-Nitroaniline	13.752	65	52914	52.553	ng	# 87
49) Acenaphthylene	14.399	152	281191	47.775	ng	99
50) Dimethylphthalate	14.128	163	257125	50.283	ng	99
51) 2,6-Dinitrotoluene	14.246	165	56877	55.052	ng	# 76
52) Acenaphthene	14.739	154	170384	45.415	ng	99
53) 3-Nitroaniline	14.575	138	50796	50.748	ng	86
54) 2,4-Dinitrophenol	14.792	184	29206	62.164	ng	# 77
55) Dibenzofuran	15.074	168	295259	48.846	ng	95
56) 4-Nitrophenol	14.892	139	34205	48.133	ng	92
57) 2,4-Dinitrotoluene	15.039	165	82901	56.816	ng	# 82
58) Fluorene	15.721	166	243784	49.120	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.303	232	85592	53.936	ng	# 87
60) Diethylphthalate	15.486	149	248181	50.116	ng	96
61) 4-Chlorophenyl-phenyle...	15.709	204	157371	52.965	ng	# 89
62) 4-Nitroaniline	15.744	138	52615	50.405	ng	# 83
63) Azobenzene	16.003	77	187524	47.043	ng	86
65) 4,6-Dinitro-2-methylph...	15.803	198	56017	63.475	ng	79
66) n-Nitrosodiphenylamine	15.920	169	220821	47.900	ng	96
67) 4-Bromophenyl-phenylether	16.602	248	119974	54.305	ng	# 92
68) Hexachlorobenzene	16.731	284	136489	54.009	ng	# 91
69) Atrazine	16.866	200	94581	49.526	ng	94
70) Pentachlorophenol	17.078	266	57420	48.914	ng	94
71) Phenanthrene	17.460	178	438360	48.235	ng	98
72) Anthracene	17.554	178	431573	48.630	ng	100
73) Carbazole	17.818	167	361071	47.400	ng	99
74) Di-n-butylphthalate	18.370	149	431548	48.998	ng	# 98
75) Fluoranthene	19.469	202	592725	49.683	ng	95
77) Benzidine	19.645	184	153537	35.500	ng	98
78) Pyrene	19.833	202	595312	47.195	ng	98
80) Butylbenzylphthalate	20.709	149	194725	48.162	ng	# 86
81) Benzo(a)anthracene	21.672	228	648403	47.950	ng	99
82) 3,3'-Dichlorobenzidine	21.584	252	198433	49.116	ng	# 97
83) Chrysene	21.743	228	614467	47.671	ng	97
84) Bis(2-ethylhexyl)phtha...	21.573	149	275528	47.649	ng	# 92
85) Di-n-octyl phthalate	22.783	149	472944	47.586	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.652	276	831320	48.970	ng	# 97
88) Benzo(b)fluoranthene	23.905	252	662238	48.417	ng	# 98
89) Benzo(k)fluoranthene	23.976	252	641365	47.360	ng	# 98
90) Benzo(a)pyrene	24.786	252	562620	48.752	ng	98
91) Dibenzo(a,h)anthracene	28.711	278	685546	48.835	ng	# 97
92) Benzo(g,h,i)perylene	29.822	276	685073	49.451	ng	# 93

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

