

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054257.D
 Acq On : 12 Jul 2022 15:29
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICBG071222

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 16:55:42 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	8.041	152	20531	20.000	ng	0.00
21) Naphthalene-d8	10.855	136	75805	20.000	ng	# 0.00
39) Acenaphthene-d10	14.674	164	62139	20.000	ng	0.00
64) Phenanthrene-d10	17.418	188	169066	20.000	ng	# 0.00
76) Chrysene-d12	21.690	240	203031	20.000	ng	# 0.00
86) Perylene-d12	24.927	264	220321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	85411	83.580	ng	0.00
7) Phenol-d6	7.207	99	115474	81.928	ng	0.00
23) Nitrobenzene-d5	9.204	82	118514	84.841	ng	0.00
42) 2,4,6-Tribromophenol	16.161	330	102157	84.870	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	349436	82.628	ng	0.00
79) Terphenyl-d14	20.021	244	825808	83.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	16418	36.737	ng	97
3) Pyridine	3.887	79	48281	43.256	ng	95
4) n-Nitrosodimethylamine	3.805	42	24521	43.485	ng	# 94
6) Aniline	7.365	93	68319	41.235	ng	97
8) 2-Chlorophenol	7.612	128	48120	42.012	ng	90
9) Benzaldehyde	7.177	77	30210m	35.693	ng	
10) Phenol	7.236	94	57838	40.673	ng	93
11) bis(2-Chloroethyl)ether	7.459	93	42468	40.496	ng	96
12) 1,3-Dichlorobenzene	7.935	146	56697	40.767	ng	90
13) 1,4-Dichlorobenzene	8.082	146	59675	41.873	ng	96
14) 1,2-Dichlorobenzene	8.399	146	55190	40.330	ng	98
15) Benzyl Alcohol	8.282	79	45542	40.081	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.564	45	55658	38.221	ng	94
17) 2-Methylphenol	8.488	107	40976	40.330	ng	94
18) Hexachloroethane	9.128	117	20301	41.867	ng	# 68
19) n-Nitroso-di-n-propyla...	8.846	70	38509	40.020	ng	# 95
20) 3+4-Methylphenols	8.817	107	57132	40.076	ng	97
22) Acetophenone	8.864	105	76478	41.746	ng	# 98
24) Nitrobenzene	9.251	77	57891	42.155	ng	# 87
25) Isophorone	9.774	82	104133	41.208	ng	# 94
26) 2-Nitrophenol	9.962	139	28955	42.797	ng	89
27) 2,4-Dimethylphenol	10.021	122	40339	42.625	ng	87
28) bis(2-Chloroethoxy)met...	10.250	93	52875	41.105	ng	98
29) 2,4-Dichlorophenol	10.503	162	59325	43.252	ng	90
30) 1,2,4-Trichlorobenzene	10.714	180	71317	42.142	ng	95
31) Naphthalene	10.902	128	158355	41.541	ng	99
32) Benzoic acid	10.180	122	16093	37.496	ng	# 85
33) 4-Chloroaniline	11.008	127	67153	42.361	ng	94
34) Hexachlorobutadiene	11.190	225	60563	43.130	ng	99
35) Caprolactam	11.778	113	16123	41.275	ng	88
36) 4-Chloro-3-methylphenol	12.136	107	55600	42.133	ng	93
37) 2-Methylnaphthalene	12.506	142	121350	41.539	ng	99
38) 1-Methylnaphthalene	12.724	142	116979	41.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.871	216	104745	41.527	ng	# 95
41) Hexachlorocyclopentadiene	12.853	237	26407	40.628	ng	96
43) 2,4,6-Trichlorophenol	13.112	196	60742	41.932	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	68347	43.134	ng	# 90
46) 1,1'-Biphenyl	13.505	154	170603	40.827	ng	97
47) 2-Chloronaphthalene	13.552	162	143420	41.056	ng	95
48) 2-Nitroaniline	13.752	65	41395	41.869	ng	93
49) Acenaphthylene	14.398	152	216540	40.861	ng	99
50) Dimethylphthalate	14.122	163	197879	40.558	ng	# 99
51) 2,6-Dinitrotoluene	14.240	165	43731	41.238	ng	# 77
52) Acenaphthene	14.739	154	130145	40.603	ng	98
53) 3-Nitroaniline	14.575	138	38666	41.135	ng	88
54) 2,4-Dinitrophenol	14.786	184	20687	38.593	ng	# 77
55) Dibenzofuran	15.074	168	231452	41.110	ng	94
56) 4-Nitrophenol	14.892	139	26986	44.687	ng	89
57) 2,4-Dinitrotoluene	15.033	165	63406	41.293	ng	# 83
58) Fluorene	15.720	166	189450	40.507	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.303	232	65961	41.562	ng	# 89
60) Diethylphthalate	15.479	149	194176	40.806	ng	97
61) 4-Chlorophenyl-phenyle...	15.709	204	122707	41.303	ng	# 88
62) 4-Nitroaniline	15.738	138	41512	42.282	ng	90
63) Azobenzene	16.002	77	144195	40.209	ng	85
65) 4,6-Dinitro-2-methylph...	15.803	198	41756	41.983	ng	82
66) n-Nitrosodiphenylamine	15.920	169	173188	40.613	ng	96
67) 4-Bromophenyl-phenylether	16.602	248	93064	41.271	ng	# 90
68) Hexachlorobenzene	16.731	284	104922	40.765	ng	# 92
69) Atrazine	16.866	200	79804	42.372	ng	95
70) Pentachlorophenol	17.078	266	43388	39.586	ng	94
71) Phenanthrene	17.459	178	348530	41.212	ng	98
72) Anthracene	17.553	178	339915	41.041	ng	99
73) Carbazole	17.818	167	287981	41.059	ng	99
74) Di-n-butylphthalate	18.370	149	340178	40.959	ng	# 98
75) Fluoranthene	19.469	202	475713	41.362	ng	95
77) Benzidine	19.639	184	136605	38.329	ng	97
78) Pyrene	19.827	202	481826	41.235	ng	98
80) Butylbenzylphthalate	20.709	149	158433	41.846	ng	# 86
81) Benzo(a)anthracene	21.672	228	536257	41.754	ng	99
82) 3,3'-Dichlorobenzidine	21.578	252	164077	41.799	ng	# 98
83) Chrysene	21.737	228	503180	41.424	ng	97
84) Bis(2-ethylhexyl)phtha...	21.572	149	221383	41.212	ng	# 92
85) Di-n-octyl phthalate	22.783	149	382416	41.352	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.640	276	697091	42.058	ng	# 99
88) Benzo(b)fluoranthene	23.899	252	551267	42.195	ng	# 99
89) Benzo(k)fluoranthene	23.969	252	532603	41.092	ng	# 98
90) Benzo(a)pyrene	24.774	252	465452	41.638	ng	98
91) Dibenzo(a,h)anthracene	28.699	278	575324	42.371	ng	# 96
92) Benzo(g,h,i)perylene	29.798	276	568743	41.995	ng	# 93

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

