

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054291.D
 Acq On : 14 Jul 2022 22:34
 Operator : CG/JU
 Sample : N3688-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

72-12016MS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:59:25 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	19674	20.000	ng	# 0.00
21) Naphthalene-d8	10.849	136	77810	20.000	ng	# 0.00
39) Acenaphthene-d10	14.668	164	63206	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	161696	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	184462	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	200674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	114566	116.994	ng	0.00
7) Phenol-d6	7.212	99	152325	112.781	ng	0.00
23) Nitrobenzene-d5	9.204	82	101191	70.573	ng	0.00
42) 2,4,6-Tribromophenol	16.161	330	150199	122.675	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	327872	76.220	ng	0.00
79) Terphenyl-d14	20.021	244	721747	80.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	11482	26.811	ng	# 95
3) Pyridine	3.881	79	30826	28.821	ng	98
4) n-Nitrosodimethylamine	3.799	42	23577	43.632	ng	# 77
6) Aniline	7.365	93	45067	28.386	ng	97
8) 2-Chlorophenol	7.606	128	50257	45.790	ng	90
9) Benzaldehyde	7.171	77	26076m	32.151	ng	
10) Phenol	7.236	94	58981	43.283	ng	94
11) bis(2-Chloroethyl)ether	7.453	93	38077	37.890	ng	90
12) 1,3-Dichlorobenzene	7.929	146	57383	43.058	ng	92
13) 1,4-Dichlorobenzene	8.076	146	58468	42.813	ng	95
14) 1,2-Dichlorobenzene	8.393	146	57551	43.887	ng	98
15) Benzyl Alcohol	8.276	79	47565	43.685	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.558	45	47516	34.051	ng	92
17) 2-Methylphenol	8.487	107	41541	42.667	ng	97
18) Hexachloroethane	9.128	117	19283	41.500	ng	# 58
19) n-Nitroso-di-n-propyla...	8.846	70	35661	38.675	ng	# 94
20) 3+4-Methylphenols	8.816	107	57671	42.216	ng	97
22) Acetophenone	8.863	105	75079	39.927	ng	# 97
24) Nitrobenzene	9.245	77	54796	38.873	ng	# 83
25) Isophorone	9.768	82	99285	38.278	ng	# 89
26) 2-Nitrophenol	9.956	139	29487	42.460	ng	# 87
27) 2,4-Dimethylphenol	10.021	122	46848	48.228	ng	92
28) bis(2-Chloroethoxy)met...	10.244	93	54385	41.189	ng	# 99
29) 2,4-Dichlorophenol	10.503	162	64394	45.738	ng	88
30) 1,2,4-Trichlorobenzene	10.708	180	76470	44.022	ng	# 96
31) Naphthalene	10.896	128	155602	39.767	ng	99
32) Benzoic acid	10.197	122	14941	34.797	ng	# 78
33) 4-Chloroaniline	11.002	127	28499	17.514	ng	92
34) Hexachlorobutadiene	11.184	225	68248	47.351	ng	97
35) Caprolactam	11.778	113	15853m	39.538	ng	
36) 4-Chloro-3-methylphenol	12.136	107	56648	41.821	ng	87
37) 2-Methylnaphthalene	12.500	142	122511	40.856	ng	98
38) 1-Methylnaphthalene	12.718	142	117477	40.352	ng	99
40) 1,2,4,5-Tetrachloroben...	12.870	216	117750	45.895	ng	# 95
41) Hexachlorocyclopentadiene	12.847	237	82584	83.683	ng	97
43) 2,4,6-Trichlorophenol	13.111	196	65263	44.292	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054291.D
 Acq On : 14 Jul 2022 22:34
 Operator : CG/JU
 Sample : N3688-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:59:25 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)
44) 2,4,5-Trichlorophenol	13.188	196	71594	44.420	ng	# 90
46) 1,1'-Biphenyl	13.505	154	181137	42.617	ng	97
47) 2-Chloronaphthalene	13.546	162	148746	41.862	ng	96
48) 2-Nitroaniline	13.746	65	36948	36.740	ng	# 87
49) Acenaphthylene	14.392	152	224161	41.585	ng	98
50) Dimethylphthalate	14.122	163	195112	39.316	ng	98
51) 2,6-Dinitrotoluene	14.239	165	43893	40.692	ng	# 81
52) Acenaphthene	14.733	154	130907	40.151	ng	98
53) 3-Nitroaniline	14.568	138	25162	26.317	ng	84
54) 2,4-Dinitrophenol	14.786	184	42803	72.519	ng	# 79
55) Dibenzofuran	15.068	168	234713	40.986	ng	95
56) 4-Nitrophenol	14.892	139	51144	83.262	ng	98
57) 2,4-Dinitrotoluene	15.033	165	61475	39.359	ng	# 81
58) Fluorene	15.714	166	190548	40.054	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.297	232	67798	41.998	ng	# 86
60) Diethylphthalate	15.479	149	185525	38.330	ng	95
61) 4-Chlorophenyl-phenyle...	15.702	204	130084	43.047	ng	# 86
62) 4-Nitroaniline	15.738	138	33942	33.988	ng	95
63) Azobenzene	15.996	77	131968	36.178	ng	83
65) 4,6-Dinitro-2-methylph...	15.796	198	35973	37.818	ng	80
66) n-Nitrosodiphenylamine	15.914	169	170491	41.803	ng	95
67) 4-Bromophenyl-phenylether	16.595	248	97054	45.002	ng	# 90
68) Hexachlorobenzene	16.725	284	113779	46.221	ng	# 90
69) Atrazine	16.866	200	85172	47.283	ng	92
70) Pentachlorophenol	17.071	266	90920	81.335	ng	97
71) Phenanthrene	17.453	178	373555	46.184	ng	98
72) Anthracene	17.547	178	334355	42.210	ng	98
73) Carbazole	17.812	167	271488	40.472	ng	99
74) Di-n-butylphthalate	18.364	149	302346	38.063	ng	98
75) Fluoranthene	19.463	202	575614	52.329	ng	94
77) Benzidine	19.639	184	143135	44.204	ng	99
78) Pyrene	19.827	202	561499	52.891	ng	98
80) Butylbenzylphthalate	20.702	149	126599	36.804	ng	# 85
81) Benzo(a)anthracene	21.666	228	562309	48.190	ng	98
82) 3,3'-Dichlorobenzidine	21.578	252	114365	32.068	ng	# 96
83) Chrysene	21.731	228	527462	47.794	ng	97
84) Bis(2-ethylhexyl)phtha...	21.560	149	187134	38.344	ng	# 93
85) Di-n-octyl phthalate	22.776	149	354206	42.157	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.634	276	671427	44.475	ng	# 95
88) Benzo(b)fluoranthene	23.899	252	613167m	51.528	ng	
89) Benzo(k)fluoranthene	23.963	252	543674m	46.053	ng	
90) Benzo(a)pyrene	24.774	252	530274	52.081	ng	# 99
91) Dibenzo(a,h)anthracene	28.687	278	532804	43.081	ng	# 95
92) Benzo(g,h,i)perylene	29.798	276	584458	47.380	ng	# 92

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

