

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054278.D
 Acq On : 13 Jul 2022 21:01
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 14 04:18:09 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	18101	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	69002	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	55612	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	150444	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	187019	20.000	ng	# 0.00
86) Perylene-d12	24.916	264	203214	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	73769	81.879	ng	0.00
7) Phenol-d6	7.207	99	98840	79.541	ng	0.00
23) Nitrobenzene-d5	9.205	82	104474	82.164	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	100351	93.154	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	324222	85.664	ng	0.00
79) Terphenyl-d14	20.022	244	759386	83.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	13855	35.164	ng	92
3) Pyridine	3.888	79	38517	39.141	ng	92
4) n-Nitrosodimethylamine	3.799	42	22564	45.386	ng	# 70
6) Aniline	7.366	93	57765	39.546	ng	97
8) 2-Chlorophenol	7.607	128	41768	41.362	ng	90
9) Benzaldehyde	7.178	77	27688	37.105	ng	78
10) Phenol	7.237	94	49662	39.612	ng	92
11) bis(2-Chloroethyl)ether	7.454	93	34758	37.593	ng	94
12) 1,3-Dichlorobenzene	7.930	146	52284	42.641	ng	95
13) 1,4-Dichlorobenzene	8.077	146	52606	41.868	ng	99
14) 1,2-Dichlorobenzene	8.394	146	50384	41.760	ng	97
15) Benzyl Alcohol	8.276	79	42556	42.481	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.564	45	43645	33.995	ng	92
17) 2-Methylphenol	8.488	107	35366	39.481	ng	97
18) Hexachloroethane	9.128	117	16955	39.661	ng	# 53
19) n-Nitroso-di-n-propyla...	8.846	70	32754	38.609	ng	# 90
20) 3+4-Methylphenols	8.817	107	48884	38.894	ng	98
22) Acetophenone	8.864	105	68116	40.848	ng	# 99
24) Nitrobenzene	9.246	77	50325	40.259	ng	# 84
25) Isophorone	9.769	82	88007	38.261	ng	# 90
26) 2-Nitrophenol	9.957	139	26133	42.434	ng	91
27) 2,4-Dimethylphenol	10.016	122	34894	40.507	ng	97
28) bis(2-Chloroethoxy)met...	10.245	93	44242	37.785	ng	# 95
29) 2,4-Dichlorophenol	10.503	162	53045	42.487	ng	89
30) 1,2,4-Trichlorobenzene	10.709	180	68089	44.201	ng	# 96
31) Naphthalene	10.897	128	141448	40.765	ng	98
32) Benzoic acid	10.186	122	10835m	30.138	ng	
33) 4-Chloroaniline	11.003	127	59260	41.068	ng	94
34) Hexachlorobutadiene	11.185	225	60485	47.321	ng	98
35) Caprolactam	11.778	113	14203	39.945	ng	# 68
36) 4-Chloro-3-methylphenol	12.131	107	47589	39.618	ng	# 80
37) 2-Methylnaphthalene	12.501	142	108776	40.906	ng	99
38) 1-Methylnaphthalene	12.718	142	105978	41.049	ng	98
40) 1,2,4,5-Tetrachloroben...	12.871	216	102045	45.205	ng	# 94
41) Hexachlorocyclopentadiene	12.848	237	26079	43.352	ng	96
43) 2,4,6-Trichlorophenol	13.106	196	55720	42.979	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	63033	44.449	ng	# 90
46) 1,1'-Biphenyl	13.506	154	156065	41.732	ng	97
47) 2-Chloronaphthalene	13.547	162	130657	41.793	ng	97
48) 2-Nitroaniline	13.747	65	34686	39.201	ng	91
49) Acenaphthylene	14.393	152	193292	40.755	ng	100
50) Dimethylphthalate	14.123	163	178575	40.898	ng	# 99
51) 2,6-Dinitrotoluene	14.240	165	39522	41.644	ng	# 79
52) Acenaphthene	14.734	154	118698	41.378	ng	98
53) 3-Nitroaniline	14.575	138	32546	38.688	ng	84
54) 2,4-Dinitrophenol	14.787	184	16368	34.790	ng	# 76
55) Dibenzofuran	15.069	168	209431	41.565	ng	94
56) 4-Nitrophenol	14.886	139	22453	41.545	ng	95
57) 2,4-Dinitrotoluene	15.027	165	56639	41.215	ng	87
58) Fluorene	15.715	166	174307	41.643	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.298	232	62298	43.861	ng	# 84
60) Diethylphthalate	15.480	149	169753	39.860	ng	93
61) 4-Chlorophenyl-phenyle...	15.703	204	115757	43.537	ng	# 88
62) 4-Nitroaniline	15.732	138	34479	39.241	ng	92
63) Azobenzene	15.997	77	123602	38.512	ng	83
65) 4,6-Dinitro-2-methylph...	15.797	198	36544	41.291	ng	80
66) n-Nitrosodiphenylamine	15.915	169	153862	40.547	ng	95
67) 4-Bromophenyl-phenylether	16.596	248	88318	44.014	ng	# 88
68) Hexachlorobenzene	16.725	284	102082	44.571	ng	# 89
69) Atrazine	16.861	200	70468	42.046	ng	93
70) Pentachlorophenol	17.072	266	37143	38.255	ng	94
71) Phenanthrene	17.454	178	311368	41.375	ng	98
72) Anthracene	17.548	178	304645	41.336	ng	99
73) Carbazole	17.812	167	250948	40.208	ng	97
74) Di-n-butylphthalate	18.365	149	288548	39.043	ng	99
75) Fluoranthene	19.463	202	424885	41.515	ng	95
77) Benzidine	19.640	184	138927	42.317	ng	97
78) Pyrene	19.828	202	427675	39.735	ng	98
80) Butylbenzylphthalate	20.703	149	132455	37.980	ng	# 86
81) Benzo(a)anthracene	21.667	228	487278	41.189	ng	99
82) 3,3'-Dichlorobenzidine	21.579	252	151290	41.841	ng	# 98
83) Chrysene	21.731	228	449276	40.153	ng	95
84) Bis(2-ethylhexyl)phtha...	21.561	149	186906	37.773	ng	# 92
85) Di-n-octyl phthalate	22.777	149	324446	38.087	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.635	276	633299	41.425	ng	# 99
88) Benzo(b)fluoranthene	23.893	252	484882	40.238	ng	# 97
89) Benzo(k)fluoranthene	23.958	252	489862	40.976	ng	# 98
90) Benzo(a)pyrene	24.769	252	419827	40.718	ng	# 98
91) Dibenzo(a,h)anthracene	28.682	278	517840	41.348	ng	# 96
92) Benzo(g,h,i)perylene	29.792	276	510222	40.845	ng	# 92

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

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