

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054212.D
 Acq On : 6 Jul 2022 9:22
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Jul 06 14:15:20 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	21348	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	83832	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	67050	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	183025	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	201735	20.000	ng	0.00
86) Perylene-d12	24.974	264	210419	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	88665	79.408	ng	0.00
7) Phenol-d6	7.230	99	128980	85.151	ng	0.00
23) Nitrobenzene-d5	9.228	82	124237	83.281	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	100254	93.062	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	355546	77.108	ng	0.00
79) Terphenyl-d14	20.045	244	798719	79.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	17527	35.908	ng	97
3) Pyridine	3.916	79	49165	37.746	ng	97
4) n-Nitrosodimethylamine	3.828	42	23726	41.411	ng	# 96
6) Aniline	7.383	93	72785	40.529	ng	98
8) 2-Chlorophenol	7.630	128	49371	41.411	ng	93
9) Benzaldehyde	7.201	77	32935m	36.841	ng	
10) Phenol	7.260	94	64918	42.289	ng	96
11) bis(2-Chloroethyl)ether	7.477	93	46001	39.042	ng	94
12) 1,3-Dichlorobenzene	7.953	146	57579	38.543	ng	88
13) 1,4-Dichlorobenzene	8.100	146	58350	38.883	ng	98
14) 1,2-Dichlorobenzene	8.423	146	56282	39.069	ng	99
15) Benzyl Alcohol	8.300	79	47947	42.352	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.587	45	67538	38.344	ng	96
17) 2-Methylphenol	8.505	107	45579	42.741	ng	91
18) Hexachloroethane	9.146	117	20748	41.677	ng	# 86
19) n-Nitroso-di-n-propyla...	8.869	70	41251	40.536	ng	96
20) 3+4-Methylphenols	8.834	107	63382	42.382	ng	95
22) Acetophenone	8.887	105	80683	39.594	ng	# 96
24) Nitrobenzene	9.269	77	62007	42.210	ng	# 87
25) Isophorone	9.792	82	111958	40.185	ng	# 94
26) 2-Nitrophenol	9.986	139	30642	47.226	ng	# 81
27) 2,4-Dimethylphenol	10.045	122	43899	41.801	ng	89
28) bis(2-Chloroethoxy)met...	10.274	93	59525	39.660	ng	# 97
29) 2,4-Dichlorophenol	10.526	162	62967	44.719	ng	91
30) 1,2,4-Trichlorobenzene	10.738	180	70679	40.539	ng	97
31) Naphthalene	10.926	128	170734	40.343	ng	99
32) Benzoic acid	10.186	122	23577	50.701	ng	# 77
33) 4-Chloroaniline	11.032	127	74454	42.407	ng	# 91
34) Hexachlorobutadiene	11.214	225	55015	41.043	ng	97
35) Caprolactam	11.801	113	19604	50.574	ng	# 91
36) 4-Chloro-3-methylphenol	12.154	107	62950	45.990	ng	92
37) 2-Methylnaphthalene	12.524	142	131619	42.035	ng	98
38) 1-Methylnaphthalene	12.747	142	126855	41.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.894	216	98027	37.942	ng	# 97
41) Hexachlorocyclopentadiene	12.877	237	52177	43.371	ng	98
43) 2,4,6-Trichlorophenol	13.135	196	62433	43.020	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	68004	41.967	ng	# 92
46) 1,1'-Biphenyl	13.529	154	180178	38.578	ng	99
47) 2-Chloronaphthalene	13.576	162	150631	39.852	ng	95
48) 2-Nitroaniline	13.770	65	46585	46.332	ng	# 85
49) Acenaphthylene	14.416	152	236513	40.241	ng	99
50) Dimethylphthalate	14.140	163	210683	41.258	ng	99
51) 2,6-Dinitrotoluene	14.263	165	47248	45.796	ng	# 75
52) Acenaphthene	14.757	154	154021m	41.111	ng	
53) 3-Nitroaniline	14.592	138	44445	44.466	ng	89
54) 2,4-Dinitrophenol	14.810	184	23227	44.255	ng	# 76
55) Dibenzofuran	15.092	168	246484	40.834	ng	95
56) 4-Nitrophenol	14.909	139	30469	42.936	ng	87
57) 2,4-Dinitrotoluene	15.056	165	69500	47.698	ng	# 81
58) Fluorene	15.738	166	204945	41.352	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	69578	43.907	ng	# 91
60) Diethylphthalate	15.503	149	211173	42.702	ng	95
61) 4-Chlorophenyl-phenyle...	15.726	204	123721	41.698	ng	90
62) 4-Nitroaniline	15.756	138	48463	46.493	ng	# 77
63) Azobenzene	16.020	77	166870	41.921	ng	92
65) 4,6-Dinitro-2-methylph...	15.820	198	43380	47.508	ng	83
66) n-Nitrosodiphenylamine	15.944	169	185815	38.955	ng	97
67) 4-Bromophenyl-phenylether	16.619	248	92131	40.304	ng	93
68) Hexachlorobenzene	16.748	284	103315	39.511	ng	# 93
69) Atrazine	16.884	200	81279	41.133	ng	94
70) Pentachlorophenol	17.095	266	45465	37.431	ng	97
71) Phenanthrene	17.483	178	369146	39.257	ng	98
72) Anthracene	17.571	178	366514	39.914	ng	99
73) Carbazole	17.835	167	316396	40.143	ng	98
74) Di-n-butylphthalate	18.394	149	381886	41.906	ng	# 97
75) Fluoranthene	19.492	202	486715	39.429	ng	97
77) Benzidine	19.663	184	167351	40.058	ng	98
78) Pyrene	19.851	202	496294	40.732	ng	98
80) Butylbenzylphthalate	20.726	149	170972	43.778	ng	90
81) Benzo(a)anthracene	21.696	228	518473	39.693	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	160208	41.053	ng	98
83) Chrysene	21.766	228	486904	39.106	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	240109	42.987	ng	# 95
85) Di-n-octyl phthalate	22.812	149	409564	42.662	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.717	276	632488	39.831	ng	# 96
88) Benzo(b)fluoranthene	23.940	252	514240	40.194	ng	100
89) Benzo(k)fluoranthene	24.011	252	495177	39.091	ng	99
90) Benzo(a)pyrene	24.821	252	434037	40.208	ng	99
91) Dibenzo(a,h)anthracene	28.764	278	516205	39.312	ng	98
92) Benzo(g,h,i)perylene	29.886	276	508424	39.235	ng	95

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

