

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054993.D
 Acq On : 21 Sep 2022 12:10
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 22 04:39:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

09/22/2022
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	41215	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	159093	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	108804	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	251669	20.000	ng	0.00
76) Chrysene-d12	21.730	240	256743	20.000	ng	0.00
86) Perylene-d12	25.032	264	286162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	175422	83.282	ng	0.00
7) Phenol-d6	7.224	99	233106	82.564	ng	0.00
23) Nitrobenzene-d5	9.239	82	222133	80.929	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	104118	81.685	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	575511	83.360	ng	0.00
79) Terphenyl-d14	20.050	244	971349	79.141	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	39595	38.693	ng	# 85
3) Pyridine	3.828	79	114660	41.234	ng	84
4) n-Nitrosodimethylamine	3.745	42	41353	40.758	ng	85
6) Aniline	7.376	93	142423	40.333	ng	94
8) 2-Chlorophenol	7.623	128	102470	41.299	ng	93
9) Benzaldehyde	7.194	77	69031	38.380	ng	90
10) Phenol	7.247	94	126162	41.235	ng	93
11) bis(2-Chloroethyl)ether	7.470	93	95772	39.578	ng	93
12) 1,3-Dichlorobenzene	7.946	146	119073	41.143	ng	95
13) 1,4-Dichlorobenzene	8.093	146	120460	40.841	ng	97
14) 1,2-Dichlorobenzene	8.416	146	113424	40.813	ng	98
15) Benzyl Alcohol	8.305	79	84425	40.886	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.587	45	105455	35.558	ng	90
17) 2-Methylphenol	8.510	107	89367	41.436	ng	97
18) Hexachloroethane	9.145	117	41399	40.837	ng	94
19) n-Nitroso-di-n-propyla...	8.869	70	76012	39.116	ng	# 88
20) 3+4-Methylphenols	8.839	107	123825	41.043	ng	96
22) Acetophenone	8.892	105	151535	40.302	ng	# 93
24) Nitrobenzene	9.280	77	110052	40.018	ng	93
25) Isophorone	9.797	82	205606	39.453	ng	97
26) 2-Nitrophenol	9.997	139	60016	41.449	ng	95
27) 2,4-Dimethylphenol	10.050	122	84909	41.538	ng	94
28) bis(2-Chloroethoxy)met...	10.279	93	117951	40.185	ng	98
29) 2,4-Dichlorophenol	10.537	162	102871	42.158	ng	98
30) 1,2,4-Trichlorobenzene	10.743	180	115550	41.091	ng	98
31) Naphthalene	10.937	128	338522	40.694	ng	99
32) Benzoic acid	10.443	122	8300m	14.911	ng	
33) 4-Chloroaniline	11.049	127	138657	40.903	ng	95
34) Hexachlorobutadiene	11.207	225	75971	40.678	ng	98
35) Caprolactam	11.824	113	35082	39.455	ng	# 68
36) 4-Chloro-3-methylphenol	12.171	107	105227	40.379	ng	100
37) 2-Methylnaphthalene	12.541	142	240389	40.563	ng	98
38) 1-Methylnaphthalene	12.758	142	234926	40.531	ng	99
40) 1,2,4,5-Tetrachloroben...	12.899	216	134044	42.130	ng	98
41) Hexachlorocyclopentadiene	12.876	237	7357	23.774	ng	96
43) 2,4,6-Trichlorophenol	13.146	196	76628	41.918	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054993.D
 Acq On : 21 Sep 2022 12:10
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

09/22/2022

Supervised By :Jagrut
 Upadhyay

09/22/2022

Quant Time: Sep 22 04:39:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	87651	41.759	ng	96
46) 1,1'-Biphenyl	13.540	154	309122	42.109	ng	97
47) 2-Chloronaphthalene	13.587	162	239045	41.653	ng	98
48) 2-Nitroaniline	13.792	65	67856	40.293	ng	86
49) Acenaphthylene	14.433	152	397007	40.936	ng	99
50) Dimethylphthalate	14.151	163	329613	40.006	ng	98
51) 2,6-Dinitrotoluene	14.280	165	71718	40.942	ng	# 83
52) Acenaphthene	14.768	154	246091m	41.184	ng	
53) 3-Nitroaniline	14.615	138	77554	40.809	ng	89
54) 2,4-Dinitrophenol	14.838	184	14677	33.819	ng	97
55) Dibenzofuran	15.103	168	385263	41.041	ng	97
56) 4-Nitrophenol	14.938	139	40847	36.827	ng	# 86
57) 2,4-Dinitrotoluene	15.073	165	102491	41.134	ng	# 79
58) Fluorene	15.749	166	321363	40.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.332	232	63664	33.458	ng	100
60) Diethylphthalate	15.508	149	327986	39.873	ng	98
61) 4-Chlorophenyl-phenyle...	15.737	204	162569	40.382	ng	96
62) 4-Nitroaniline	15.778	138	80699	40.773	ng	94
63) Azobenzene	16.031	77	267993	39.833	ng	91
65) 4,6-Dinitro-2-methylph...	15.837	198	50072	39.998	ng	92
66) n-Nitrosodiphenylamine	15.949	169	283939	42.198	ng	99
67) 4-Bromophenyl-phenylether	16.630	248	115955	41.777	ng	96
68) Hexachlorobenzene	16.754	284	133006	41.718	ng	95
69) Atrazine	16.895	200	104923	41.082	ng	99
70) Pentachlorophenol	17.106	266	21461	34.623	ng	93
71) Phenanthrene	17.494	178	527109	41.126	ng	99
72) Anthracene	17.588	178	513811	41.094	ng	99
73) Carbazole	17.858	167	476417	41.615	ng	100
74) Di-n-butylphthalate	18.393	149	580253	40.866	ng	99
75) Fluoranthene	19.503	202	659489	40.625	ng	97
77) Benzidine	19.680	184	207435	32.610	ng	99
78) Pyrene	19.862	202	673111	39.881	ng	99
80) Butylbenzylphthalate	20.731	149	269910	41.156	ng	90
81) Benzo(a)anthracene	21.707	228	676187	40.951	ng	99
82) 3,3'-Dichlorobenzidine	21.618	252	236522	41.293	ng	97
83) Chrysene	21.777	228	643883	40.735	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	398725	42.387	ng	98
85) Di-n-octyl phthalate	22.811	149	688123	42.309	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.845	276	860038	40.427	ng	# 95
88) Benzo(b)fluoranthene	23.975	252	696143	41.244	ng	98
89) Benzo(k)fluoranthene	24.045	252	694065	40.733	ng	97
90) Benzo(a)pyrene	24.874	252	594233	40.887	ng	97
91) Dibenzo(a,h)anthracene	28.898	278	704855	40.249	ng	98
92) Benzo(g,h,i)perylene	30.044	276	707150	40.054	ng	96

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

