

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059820.D
 Acq On : 22 Nov 2023 16:19
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 16:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	30552	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	139485	20.000	ng	#-0.01
39) Acenaphthene-d10	14.970	164	132600	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	321935	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	269537	20.000	ng	# 0.00
86) Perylene-d12	25.628	264	287182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	134836	74.282	ng	0.00
7) Phenol-d6	7.461	99	204553	76.044	ng	0.00
23) Nitrobenzene-d5	9.535	82	307828	84.286	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	146863	97.615	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	890522	90.398	ng	0.00
79) Terphenyl-d14	20.293	244	1575899	86.312	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.666	88	45825	53.750	ng	94
3) Pyridine	4.083	79	131509	56.476	ng	# 84
4) n-Nitrosodimethylamine	4.012	42	64121	51.761	ng	# 63
6) Aniline	7.661	93	129900	36.592	ng	92
8) 2-Chlorophenol	7.884	128	78803	40.018	ng	96
9) Benzaldehyde	7.485	77	72642	39.951	ng	87
10) Phenol	7.485	94	104900	37.838	ng	89
11) bis(2-Chloroethyl)ether	7.749	93	60963	35.324	ng	93
12) 1,3-Dichlorobenzene	8.213	146	89504	40.919	ng	89
13) 1,4-Dichlorobenzene	8.372	146	97650m	44.456	ng	
14) 1,2-Dichlorobenzene	8.689	146	92947	42.592	ng	91
15) Benzyl Alcohol	8.578	79	124314	40.527	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.842	45	24731	38.949	ng	# 67
17) 2-Methylphenol	8.754	107	84979	41.616	ng	84
18) Hexachloroethane	9.424	117	40771	43.732	ng	89
19) n-Nitroso-di-n-propyla...	9.142	70	82457	38.927	ng	96
20) 3+4-Methylphenols	9.095	107	113256	39.952	ng	95
22) Acetophenone	9.177	105	164873	41.751	ng	97
24) Nitrobenzene	9.582	77	141868	42.177	ng	96
25) Isophorone	10.088	82	231624	37.777	ng	97
26) 2-Nitrophenol	10.287	139	50963	41.326	ng	90
27) 2,4-Dimethylphenol	10.311	122	93078	37.122	ng	95
28) bis(2-Chloroethoxy)met...	10.569	93	88935	38.599	ng	# 96
29) 2,4-Dichlorophenol	10.810	162	88406	41.298	ng	82
30) 1,2,4-Trichlorobenzene	11.028	180	92105	42.573	ng	# 93
31) Naphthalene	11.233	128	283482	40.417	ng	97
32) Benzoic acid	10.411	122	50733m	29.731	ng	
33) 4-Chloroaniline	11.351	127	123474	41.389	ng	93
34) Hexachlorobutadiene	11.462	225	64375	43.720	ng	90
35) Caprolactam	12.144	113	28183	36.023	ng	# 73
36) 4-Chloro-3-methylphenol	12.426	107	125191	43.973	ng	# 87
37) 2-Methylnaphthalene	12.814	142	251259	42.533	ng	87
38) 1-Methylnaphthalene	13.031	142	235236	43.181	ng	98
40) 1,2,4,5-Tetrachloroben...	13.155	216	158972	44.392	ng	98
41) Hexachlorocyclopentadiene	13.108	237	111856	49.795	ng	95
43) 2,4,6-Trichlorophenol	13.395	196	108799	43.690	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059820.D
 Acq On : 22 Nov 2023 16:19
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 16:54:57 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 01:51:38 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.466	196	127864	43.699	ng	# 87
46) 1,1'-Biphenyl	13.801	154	447627	43.008	ng	96
47) 2-Chloronaphthalene	13.854	162	306530	42.862	ng	94
48) 2-Nitroaniline	14.071	65	131683	51.573	ng	# 79
49) Acenaphthylene	14.700	152	529739	43.442	ng	98
50) Dimethylphthalate	14.406	163	462313	44.991	ng	# 98
51) 2,6-Dinitrotoluene	14.553	165	85594	43.908	ng	# 81
52) Acenaphthene	15.029	154	316747	43.191	ng	98
53) 3-Nitroaniline	14.894	138	87836	38.494	ng	# 77
54) 2,4-Dinitrophenol	15.093	184	58920	40.674	ng	# 88
55) Dibenzofuran	15.364	168	520685	43.063	ng	90
56) 4-Nitrophenol	15.170	139	69116	39.592	ng	# 90
57) 2,4-Dinitrotoluene	15.328	165	136057	45.385	ng	# 99
58) Fluorene	16.010	166	435363	43.340	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.569	232	114608	44.558	ng	97
60) Diethylphthalate	15.746	149	509886	46.266	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	233310	45.123	ng	97
62) 4-Nitroaniline	16.057	138	93370	40.829	ng	# 76
63) Azobenzene	16.286	77	542582	44.303	ng	98
65) 4,6-Dinitro-2-methylph...	16.080	198	80479	40.906	ng	98
66) n-Nitrosodiphenylamine	16.210	169	398190	42.341	ng	97
67) 4-Bromophenyl-phenylether	16.885	248	153474	44.375	ng	98
68) Hexachlorobenzene	16.985	284	144443	44.747	ng	94
69) Atrazine	17.144	200	120418	39.937	ng	95
70) Pentachlorophenol	17.338	266	100311	40.732	ng	# 82
71) Phenanthrene	17.761	178	703144	42.959	ng	98
72) Anthracene	17.855	178	702295	41.296	ng	96
73) Carbazole	18.125	167	594655	40.025	ng	97
74) Di-n-butylphthalate	18.625	149	751573	41.850	ng	99
75) Fluoranthene	19.753	202	771403	39.299	ng	100
77) Benzidine	19.941	184	196697	32.182	ng	95
78) Pyrene	20.117	202	785651	42.840	ng	99
80) Butylbenzylphthalate	20.969	149	324387	43.137	ng	97
81) Benzo(a)anthracene	22.026	228	755342	40.957	ng	96
82) 3,3'-Dichlorobenzidine	21.932	252	278708	40.564	ng	# 95
83) Chrysene	22.097	228	679251	40.178	ng	95
84) Bis(2-ethylhexyl)phtha...	21.850	149	427363	40.654	ng	# 97
85) Di-n-octyl phthalate	23.184	149	726107	35.880	ng	98
87) Indeno(1,2,3-cd)pyrene	29.794	276	886588m	40.800	ng	
88) Benzo(b)fluoranthene	24.471	252	767826	48.781	ng	94
89) Benzo(k)fluoranthene	24.547	252	735360	47.256	ng	# 97
90) Benzo(a)pyrene	25.469	252	700102	41.676	ng	98
91) Dibenzo(a,h)anthracene	29.882	278	771206	41.948	ng	# 95
92) Benzo(g,h,i)perylene	31.128	276	681498	39.067	ng	99

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

