

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059695.D
 Acq On : 15 Nov 2023 11:11
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 11:58:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	36733	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	182844	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	125207	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	297511	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	349325	20.000	ng	0.00
86) Perylene-d12	25.650	264	399289	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	175455	82.462	ng	0.00
7) Phenol-d6	7.465	99	271175	84.335	ng	0.00
23) Nitrobenzene-d5	9.551	82	356484	83.815	ng	0.00
42) 2,4,6-Tribromophenol	16.466	330	118862	84.118	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	781282	84.128	ng	0.00
79) Terphenyl-d14	20.303	244	1724300	101.842	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.681	88	44643	59.243	ng	94
3) Pyridine	4.098	79	154070	60.448	ng	96
4) n-Nitrosodimethylamine	4.028	42	74817	65.732	ng	# 93
6) Aniline	7.671	93	180617	42.272	ng	# 91
8) 2-Chlorophenol	7.900	128	102009	42.394	ng	93
9) Benzaldehyde	7.494	77	86042	41.348	ng	85
10) Phenol	7.489	94	130604	39.544	ng	81
11) bis(2-Chloroethyl)ether	7.759	93	85697	40.382	ng	93
12) 1,3-Dichlorobenzene	8.229	146	108696m	41.090	ng	
13) 1,4-Dichlorobenzene	8.382	146	107167	38.600	ng	91
14) 1,2-Dichlorobenzene	8.705	146	109622	42.806	ng	97
15) Benzyl Alcohol	8.587	79	150101	43.845	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.852	45	35667	44.682	ng	85
17) 2-Methylphenol	8.769	107	104929	43.367	ng	94
18) Hexachloroethane	9.433	117	46845	44.286	ng	94
19) n-Nitroso-di-n-propyla...	9.157	70	102821	41.510	ng	98
20) 3+4-Methylphenols	9.098	107	140902	41.669	ng	91
22) Acetophenone	9.187	105	195025	39.263	ng	# 95
24) Nitrobenzene	9.592	77	163770	41.527	ng	94
25) Isophorone	10.097	82	303652	41.503	ng	99
26) 2-Nitrophenol	10.297	139	67272	44.056	ng	# 76
27) 2,4-Dimethylphenol	10.320	122	121869	40.029	ng	92
28) bis(2-Chloroethoxy)met...	10.579	93	119829	39.486	ng	# 91
29) 2,4-Dichlorophenol	10.820	162	110169	40.499	ng	93
30) 1,2,4-Trichlorobenzene	11.037	180	117225	42.197	ng	92
31) Naphthalene	11.249	128	377593	40.903	ng	96
32) Benzoic acid	10.438	122	94700	46.361	ng	89
33) 4-Chloroaniline	11.360	127	162612	39.816	ng	96
34) Hexachlorobutadiene	11.472	225	77496	43.333	ng	97
35) Caprolactam	12.154	113	36543m	37.558	ng	
36) 4-Chloro-3-methylphenol	12.430	107	152773	41.667	ng	98
37) 2-Methylnaphthalene	12.823	142	303823	39.406	ng	97
38) 1-Methylnaphthalene	13.041	142	283408m	40.016	ng	
40) 1,2,4,5-Tetrachloroben...	13.164	216	139843	41.002	ng	98
41) Hexachlorocyclopentadiene	13.117	237	165473	75.852	ng	95
43) 2,4,6-Trichlorophenol	13.405	196	104266	43.820	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059695.D
 Acq On : 15 Nov 2023 11:11
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 15 11:58:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.476	196	117761	43.220	ng	95
46) 1,1'-Biphenyl	13.816	154	406729	41.726	ng	97
47) 2-Chloronaphthalene	13.869	162	284345	41.526	ng	97
48) 2-Nitroaniline	14.081	65	103418	44.446	ng	84
49) Acenaphthylene	14.709	152	482642	41.732	ng	96
50) Dimethylphthalate	14.422	163	416004	43.569	ng	99
51) 2,6-Dinitrotoluene	14.563	165	78889	42.860	ng	84
52) Acenaphthene	15.044	154	292890	42.227	ng	98
53) 3-Nitroaniline	14.903	138	93967	43.710	ng	94
54) 2,4-Dinitrophenol	15.097	184	99172	80.152	ng	93
55) Dibenzofuran	15.373	168	491541	43.629	ng	98
56) 4-Nitrophenol	15.174	139	106747	65.482	ng	95
57) 2,4-Dinitrotoluene	15.338	165	116015	42.873	ng	98
58) Fluorene	16.020	166	410441	42.473	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.579	232	96687	41.264	ng	97
60) Diethylphthalate	15.761	149	436442	42.418	ng	99
61) 4-Chlorophenyl-phenyle...	16.002	204	211497	42.737	ng	98
62) 4-Nitroaniline	16.067	138	102938m	46.921	ng	
63) Azobenzene	16.296	77	479812	42.871	ng	98
65) 4,6-Dinitro-2-methylph...	16.090	198	75957	44.812	ng	87
66) n-Nitrosodiphenylamine	16.225	169	366142	42.090	ng	99
67) 4-Bromophenyl-phenylether	16.901	248	136756	43.694	ng	94
68) Hexachlorobenzene	16.995	284	130755	44.523	ng	95
69) Atrazine	17.154	200	112138	41.066	ng	95
70) Pentachlorophenol	17.348	266	135494	62.280	ng	92
71) Phenanthrene	17.771	178	648844	42.054	ng	98
72) Anthracene	17.865	178	673373	42.408	ng	97
73) Carbazole	18.141	167	570511	41.039	ng	99
74) Di-n-butylphthalate	18.640	149	685761	42.493	ng	98
75) Fluoranthene	19.762	202	735270	40.912	ng	91
77) Benzidine	19.950	184	151288	25.631	ng	96
78) Pyrene	20.127	202	731292	39.169	ng	98
80) Butylbenzylphthalate	20.984	149	404737	43.747	ng	93
81) Benzo(a)anthracene	22.036	228	972928	40.845	ng	96
82) 3,3'-Dichlorobenzidine	21.948	252	354781	40.677	ng	94
83) Chrysene	22.113	228	910356	40.231	ng	98
84) Bis(2-ethylhexyl)phtha...	21.866	149	577331	41.571	ng	100
85) Di-n-octyl phthalate	23.211	149	1004004	44.211	ng	99
87) Indeno(1,2,3-cd)pyrene	29.833	276	1264268	44.224	ng	# 74
88) Benzo(b)fluoranthene	24.492	252	1023279	42.228	ng	100
89) Benzo(k)fluoranthene	24.569	252	1037801m	42.757	ng	
90) Benzo(a)pyrene	25.485	252	985674	42.077	ng	# 95
91) Dibenzo(a,h)anthracene	29.921	278	1034686	42.983	ng	# 91
92) Benzo(g,h,i)perylene	31.173	276	982647	42.519	ng	# 97

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

