

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053916.D
 Acq On : 15 Jun 2022 10:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 15 17:15:06 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 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	21301	20.000	ng	# 0.00
21) Naphthalene-d8	10.890	136	74814	20.000	ng	# 0.00
39) Acenaphthene-d10	14.709	164	55012	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	137228	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	174740	20.000	ng	# 0.00
86) Perylene-d12	24.991	264	187190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	87989	78.976	ng	0.00
7) Phenol-d6	7.236	99	116386	77.006	ng	0.00
23) Nitrobenzene-d5	9.245	82	112818	84.743	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	78868	89.231	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	308264	81.483	ng	0.00
79) Terphenyl-d14	20.056	244	669167	77.129	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	18714	38.425	ng	99
3) Pyridine	3.945	79	51699	39.779	ng	96
4) n-Nitrosodimethylamine	3.857	42	24574	42.986	ng	# 96
6) Aniline	7.406	93	67500	37.669	ng	99
8) 2-Chlorophenol	7.647	128	46241	38.871	ng	93
9) Benzaldehyde	7.218	77	31563	35.385	ng	# 81
10) Phenol	7.265	94	58561	38.232	ng	98
11) bis(2-Chloroethyl)ether	7.500	93	44534	37.880	ng	93
12) 1,3-Dichlorobenzene	7.976	146	57790	38.769	ng	92
13) 1,4-Dichlorobenzene	8.123	146	58919	39.349	ng	97
14) 1,2-Dichlorobenzene	8.440	146	55908	38.895	ng	95
15) Benzyl Alcohol	8.317	79	43635	38.628	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.605	45	63370	36.057	ng	99
17) 2-Methylphenol	8.517	107	39537	37.157	ng	95
18) Hexachloroethane	9.175	117	19537	39.331	ng	# 74
19) n-Nitroso-di-n-propyla...	8.887	70	36753	36.196	ng	94
20) 3+4-Methylphenols	8.846	107	54521	36.537	ng	94
22) Acetophenone	8.904	105	72892	40.083	ng	# 98
24) Nitrobenzene	9.286	77	55756	42.530	ng	# 90
25) Isophorone	9.809	82	96436	38.786	ng	96
26) 2-Nitrophenol	10.003	139	25969	44.848	ng	# 80
27) 2,4-Dimethylphenol	10.056	122	37881	40.418	ng	88
28) bis(2-Chloroethoxy)met...	10.291	93	51936	38.774	ng	98
29) 2,4-Dichlorophenol	10.538	162	53787	42.804	ng	90
30) 1,2,4-Trichlorobenzene	10.755	180	66799	42.932	ng	# 93
31) Naphthalene	10.943	128	150152	39.756	ng	99
32) Benzoic acid	10.220	122	12859m	35.374	ng	
33) 4-Chloroaniline	11.043	127	61883	39.495	ng	# 91
34) Hexachlorobutadiene	11.237	225	55038	46.009	ng	96
35) Caprolactam	11.807	113	13510	39.054	ng	# 90
36) 4-Chloro-3-methylphenol	12.159	107	47394	38.798	ng	# 86
37) 2-Methylnaphthalene	12.541	142	110550	39.562	ng	96
38) 1-Methylnaphthalene	12.759	142	107958	39.678	ng	93
40) 1,2,4,5-Tetrachloroben...	12.911	216	91532	43.181	ng	# 94
41) Hexachlorocyclopentadiene	12.894	237	46916	47.532	ng	98
43) 2,4,6-Trichlorophenol	13.140	196	51395	43.163	ng	99

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44) 2,4,5-Trichlorophenol	13.217	196	55996	42.118	ng	# 91
46) 1,1'-Biphenyl	13.546	154	151075	39.426	ng	98
47) 2-Chloronaphthalene	13.587	162	126426	40.768	ng	96
48) 2-Nitroaniline	13.781	65	34175	41.428	ng	91
49) Acenaphthylene	14.433	152	189434	39.284	ng	99
50) Dimethylphthalate	14.157	163	163542	39.035	ng	99
51) 2,6-Dinitrotoluene	14.274	165	36100	42.647	ng	# 76
52) Acenaphthene	14.774	154	124806	40.603	ng	100
53) 3-Nitroaniline	14.603	138	32761	39.948	ng	83
54) 2,4-Dinitrophenol	14.809	184	17745	41.694	ng	# 75
55) Dibenzofuran	15.103	168	197896	39.959	ng	95
56) 4-Nitrophenol	14.897	139	24254	41.657	ng	85
57) 2,4-Dinitrotoluene	15.056	165	49767	41.629	ng	87
58) Fluorene	15.755	166	161434	39.701	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.326	232	55985	43.060	ng	# 89
60) Diethylphthalate	15.520	149	158246	39.002	ng	96
61) 4-Chlorophenyl-phenyle...	15.743	204	100307	41.204	ng	# 88
62) 4-Nitroaniline	15.761	138	34378	40.197	ng	# 83
63) Azobenzene	16.037	77	126155	38.627	ng	88
65) 4,6-Dinitro-2-methylph...	15.826	198	30818	45.014	ng	78
66) n-Nitrosodiphenylamine	15.955	169	141403	39.537	ng	96
67) 4-Bromophenyl-phenylether	16.636	248	72933	42.553	ng	94
68) Hexachlorobenzene	16.760	284	83613	42.648	ng	# 92
69) Atrazine	16.895	200	63225	42.675	ng	95
70) Pentachlorophenol	17.101	266	41541	45.614	ng	99
71) Phenanthrene	17.494	178	281884	39.981	ng	97
72) Anthracene	17.582	178	275506	40.016	ng	98
73) Carbazole	17.847	167	235793	39.900	ng	99
74) Di-n-butylphthalate	18.405	149	275143	40.268	ng	# 97
75) Fluoranthene	19.498	202	386458	41.755	ng	98
77) Benzidine	19.674	184	151289	41.808	ng	98
78) Pyrene	19.862	202	389676	36.923	ng	98
80) Butylbenzylphthalate	20.743	149	133298	39.404	ng	87
81) Benzo(a)anthracene	21.707	228	455445	40.255	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	139583	41.293	ng	# 95
83) Chrysene	21.777	228	429847	39.857	ng	98
84) Bis(2-ethylhexyl)phtha...	21.613	149	189790	39.228	ng	# 93
85) Di-n-octyl phthalate	22.847	149	328965	39.560	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.728	276	578772	40.971	ng	99
88) Benzo(b)fluoranthene	23.957	252	464395	40.802	ng	99
89) Benzo(k)fluoranthene	24.028	252	447545	39.715	ng	98
90) Benzo(a)pyrene	24.839	252	390300	40.643	ng	99
91) Dibenzo(a,h)anthracene	28.793	278	477213	40.853	ng	# 96
92) Benzo(g,h,i)perylene	29.897	276	472334	40.973	ng	96

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

