

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
 Data File : BG047765.D
 Acq On : 17 Dec 2020 13:51
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:29:07 AM

Quant Time: Dec 17 14:28:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 13:16:53 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	29477	20.00	ng	0.00
21) Naphthalene-d8	11.030	136	106414	20.00	ng	# 0.00
39) Acenaphthene-d10	14.826	164	80873	20.00	ng	0.00
64) Phenanthrene-d10	17.564	188	200487	20.00	ng	# 0.00
76) Chrysene-d12	21.841	240	195969	20.00	ng	# 0.00
86) Perylene-d12	25.190	264	215252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.730	112	212783	117.01	ng	0.00
7) Phenol-d6	7.346	99	323431	122.86	ng	0.00
23) Nitrobenzene-d5	9.379	82	367830	148.34	ng	0.00
42) 2,4,6-Tribromophenol	16.306	330	183525	135.52	ng	0.00
45) 2-Fluorobiphenyl	13.457	172	771317	122.32	ng	0.00
79) Terphenyl-d14	20.149	244	1499209	134.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.562	88	43014	47.76	ng	# 83
3) Pyridine	3.980	79	123085	51.10	ng	# 82
4) n-Nitrosodimethylamine	3.886	42	93990	77.81	ng	# 48
6) Aniline	7.522	93	173832	55.94	ng	# 86
8) 2-Chlorophenol	7.763	128	111398	57.70	ng	94
9) Benzaldehyde	7.329	77	90240	50.96	ng	# 82
10) Phenol	7.370	94	144141	57.72	ng	# 52
11) bis(2-Chloroethyl)ether	7.611	93	99317	50.14	ng	96
12) 1,3-Dichlorobenzene	8.092	146	146174	58.17	ng	# 87
13) 1,4-Dichlorobenzene	8.239	146	146025	57.87	ng	# 94
14) 1,2-Dichlorobenzene	8.562	146	136096m	56.87	ng	
15) Benzyl Alcohol	8.439	79	146660	72.50	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	8.721	45	100094	32.74	ng	80
17) 2-Methylphenol	8.633	107	101502	60.06	ng	# 77
18) Hexachloroethane	9.303	117	57787	62.55	ng	94
19) n-Nitroso-di-n-propyla...	9.009	70	106533	61.59	ng	94
20) 3+4-Methylphenols	8.968	107	138196	61.05	ng	# 83
22) Acetophenone	9.032	105	195469	63.70	ng	# 88
24) Nitrobenzene	9.420	77	172350	68.31	ng	# 85
25) Isophorone	9.943	82	277144	65.23	ng	# 94
26) 2-Nitrophenol	10.131	139	69346	63.73	ng	# 45
27) 2,4-Dimethylphenol	10.178	122	102650	70.26	ng	# 84
28) bis(2-Chloroethoxy)met...	10.419	93	139898	54.40	ng	96
29) 2,4-Dichlorophenol	10.672	162	130774	64.77	ng	94
30) 1,2,4-Trichlorobenzene	10.889	180	163959	65.88	ng	94
31) Naphthalene	11.083	128	365217	59.94	ng	98
32) Benzoic acid	10.331	122	56105	55.15	ng	# 73
33) 4-Chloroaniline	11.177	127	153725	59.98	ng	# 86
34) Hexachlorobutadiene	11.365	225	143610	76.26	ng	98
35) Caprolactam	11.958	113	40459	61.33	ng	# 82
36) 4-Chloro-3-methylphenol	12.282	107	141614	68.82	ng	84
37) 2-Methylnaphthalene	12.669	142	285458	62.34	ng	# 89
38) 1-Methylnaphthalene	12.887	142	264210	60.72	ng	# 97
40) 1,2,4,5-Tetrachloroben...	13.034	216	204449	64.03	ng	# 97
41) Hexachlorocyclopentadiene	13.010	237	127457	77.02	ng	99
43) 2,4,6-Trichlorophenol	13.263	196	138251	66.60	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.339	196	140115	66.48	ng	#	89
46) 1,1'-Biphenyl	13.662	154	382381	57.75	ng		96
47) 2-Chloronaphthalene	13.709	162	316968	58.69	ng		97
48) 2-Nitroaniline	13.903	65	121554	67.91	ng	#	74
49) Acenaphthylene	14.555	152	465252	58.90	ng		99
50) Dimethylphthalate	14.273	163	435919	61.04	ng		98
51) 2,6-Dinitrotoluene	14.391	165	89088	60.14	ng	#	35
52) Acenaphthene	14.890	154	343024	67.92	ng		97
53) 3-Nitroaniline	14.726	138	93071	63.12	ng	#	84
54) 2,4-Dinitrophenol	14.926	184	62900	66.19	ng	#	45
55) Dibenzofuran	15.219	168	475114	57.22	ng		91
56) 4-Nitrophenol	15.014	139	68722	60.17	ng	#	7
57) 2,4-Dinitrotoluene	15.178	165	135144	62.49	ng	#	60
58) Fluorene	15.866	166	399585	59.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.443	232	139024	62.82	ng	#	94
60) Diethylphthalate	15.625	149	421896	59.80	ng		97
61) 4-Chlorophenyl-phenyle...	15.854	204	258363	65.37	ng		98
62) 4-Nitroaniline	15.883	138	98176	61.99	ng	#	4
63) Azobenzene	16.148	77	394200	62.35	ng		85
65) 4,6-Dinitro-2-methylph...	15.942	198	84547	60.66	ng		83
66) n-Nitrosodiphenylamine	16.065	169	362466	58.77	ng		94
67) 4-Bromophenyl-phenylether	16.747	248	174848	62.44	ng	#	93
68) Hexachlorobenzene	16.870	284	189611	62.32	ng	#	92
69) Atrazine	17.000	200	148601	56.33	ng		97
70) Pentachlorophenol	17.211	266	112702	67.98	ng		96
71) Phenanthrene	17.605	178	678015	58.28	ng		98
72) Anthracene	17.699	178	657726	58.19	ng		98
73) Carbazole	17.957	167	579629	58.09	ng		97
74) Di-n-butylphthalate	18.498	149	692540	56.76	ng	#	95
75) Fluoranthene	19.602	202	907089	61.21	ng		93
77) Benzidine	19.767	184	341181	51.91	ng		99
78) Pyrene	19.961	202	884299	64.80	ng		96
80) Butylbenzylphthalate	20.825	149	313003	60.80	ng	#	81
81) Benzo(a)anthracene	21.817	228	892427	64.24	ng		97
82) 3,3'-Dichlorobenzidine	21.723	252	321931	66.98	ng	#	95
83) Chrysene	21.888	228	844077	63.13	ng		96
84) Bis(2-ethylhexyl)phtha...	21.700	149	433622	60.21	ng		94
85) Di-n-octyl phthalate	22.951	149	734523	60.69	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.038	276	1047797	64.13	ng	#	83
88) Benzo(b)fluoranthene	24.127	252	971360	66.10	ng	#	92
89) Benzo(k)fluoranthene	24.197	252	891327	62.10	ng	#	94
90) Benzo(a)pyrene	25.037	252	890507	64.93	ng	#	95
91) Dibenzo(a,h)anthracene	29.109	278	843274	63.41	ng	#	93
92) Benzo(g,h,i)perylene	30.266	276	826022	62.64	ng	#	88

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

