

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
 Data File : BG047996.D
 Acq On : 25 Jan 2021 18:55
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 1/27/2021 1:07:43 PM

Quant Time: Jan 25 19:31:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 18:02:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.138	152	43959	20.00	ng	0.00
21) Naphthalene-d8	10.952	136	169021	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	127299	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	314323	20.00	ng	0.00
76) Chrysene-d12	21.781	240	316670	20.00	ng	# 0.00
86) Perylene-d12	25.065	264	316871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	405939	150.60	ng	0.00
7) Phenol-d6	7.280	99	627834	154.31	ng	0.00
23) Nitrobenzene-d5	9.301	82	643708	167.47	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	336403	165.13	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	1407989	147.71	ng	0.00
79) Terphenyl-d14	20.100	244	2429278	141.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.573	88	90285	67.80	ng	95
3) Pyridine	3.972	79	280046m	74.92	ng	
4) n-Nitrosodimethylamine	3.884	42	129878	69.25	ng	# 80
6) Aniline	7.456	93	379354	78.12	ng	94
8) 2-Chlorophenol	7.697	128	213796	77.07	ng	91
9) Benzaldehyde	7.268	77	148993	59.34	ng	86
10) Phenol	7.310	94	300426	77.98	ng	80
11) bis(2-Chloroethyl)ether	7.550	93	232142	76.58	ng	97
12) 1,3-Dichlorobenzene	8.021	146	258415	73.24	ng	# 93
13) 1,4-Dichlorobenzene	8.167	146	257716	72.84	ng	95
14) 1,2-Dichlorobenzene	8.491	146	244802	72.07	ng	94
15) Benzyl Alcohol	8.367	79	271694	79.93	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.655	45	322524	62.88	ng	95
17) 2-Methylphenol	8.567	107	198242	77.02	ng	# 88
18) Hexachloroethane	9.225	117	100191	75.33	ng	98
19) n-Nitroso-di-n-propyla...	8.943	70	227808	79.11	ng	# 96
20) 3+4-Methylphenols	8.902	107	287235	81.28	ng	89
22) Acetophenone	8.961	105	392016	78.58	ng	94
24) Nitrobenzene	9.342	77	320855	82.67	ng	# 87
25) Isophorone	9.871	82	571834	79.21	ng	95
26) 2-Nitrophenol	10.053	139	139557	96.29	ng	# 77
27) 2,4-Dimethylphenol	10.106	122	192997	79.98	ng	90
28) bis(2-Chloroethoxy)met...	10.347	93	342072	79.67	ng	94
29) 2,4-Dichlorophenol	10.588	162	256518	85.21	ng	96
30) 1,2,4-Trichlorobenzene	10.811	180	303866	78.95	ng	99
31) Naphthalene	10.999	128	714970	76.33	ng	99
32) Benzoic acid	10.271	122	202248	114.16	ng	# 82
33) 4-Chloroaniline	11.099	127	341332	82.35	ng	# 91
34) Hexachlorobutadiene	11.287	225	216064	75.32	ng	97
35) Caprolactam	11.898	113	96461	85.07	ng	96
36) 4-Chloro-3-methylphenol	12.210	107	282478	84.32	ng	91
37) 2-Methylnaphthalene	12.597	142	552754	77.75	ng	# 92
38) 1-Methylnaphthalene	12.815	142	526746	79.15	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.956	216	367313	75.59	ng	# 97
41) Hexachlorocyclopentadiene	12.938	237	224166	86.33	ng	99
43) 2,4,6-Trichlorophenol	13.191	196	262960	84.74	ng	97

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44) 2,4,5-Trichlorophenol	13.261	196	267415	84.13	ng	#	96
46) 1,1'-Biphenyl	13.596	154	734212	75.65	ng		99
47) 2-Chloronaphthalene	13.637	162	632695	80.48	ng		97
48) 2-Nitroaniline	13.831	65	239638	87.29	ng	#	79
49) Acenaphthylene	14.483	152	922005	74.77	ng		99
50) Dimethylphthalate	14.213	163	845594	76.41	ng		99
51) 2,6-Dinitrotoluene	14.325	165	183430	86.11	ng	#	71
52) Acenaphthene	14.824	154	652359	79.77	ng		97
53) 3-Nitroaniline	14.654	138	202315	87.03	ng	#	77
54) 2,4-Dinitrophenol	14.854	184	130753	107.13	ng	#	73
55) Dibenzofuran	15.153	168	936612	77.02	ng		93
56) 4-Nitrophenol	14.948	139	160391	88.38	ng	#	61
57) 2,4-Dinitrotoluene	15.112	165	263520	88.16	ng	#	77
58) Fluorene	15.805	166	757014	73.32	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.377	232	269829	81.76	ng	#	95
60) Diethylphthalate	15.570	149	864296	79.63	ng		97
61) 4-Chlorophenyl-phenyle...	15.794	204	474242	76.83	ng		99
62) 4-Nitroaniline	15.823	138	212436	83.02	ng	#	65
63) Azobenzene	16.088	77	806811	75.84	ng		92
65) 4,6-Dinitro-2-methylph...	15.876	198	171453	108.29	ng		92
66) n-Nitrosodiphenylamine	16.005	169	709231	77.30	ng		99
67) 4-Bromophenyl-phenylether	16.687	248	328326	78.76	ng		97
68) Hexachlorobenzene	16.804	284	349676	79.03	ng		97
69) Atrazine	16.951	200	266552	77.86	ng		98
70) Pentachlorophenol	17.145	266	229220	89.93	ng		98
71) Phenanthrene	17.545	178	1312749	77.23	ng		99
72) Anthracene	17.633	178	1287584	77.37	ng		99
73) Carbazole	17.897	167	1195716	78.77	ng		98
74) Di-n-butylphthalate	18.455	149	1440078	79.69	ng	#	97
75) Fluoranthene	19.542	202	1646967	72.79	ng		96
77) Benzidine	19.719	184	697986	86.15	ng		99
78) Pyrene	19.907	202	1655494	77.27	ng		98
80) Butylbenzylphthalate	20.782	149	653777	86.12	ng		88
81) Benzo(a)anthracene	21.757	228	1668425	76.29	ng		98
82) 3,3'-Dichlorobenzidine	21.669	252	595595	78.71	ng		97
83) Chrysene	21.828	228	1589285	75.88	ng		96
84) Bis(2-ethylhexyl)phtha...	21.663	149	899890	83.41	ng		99
85) Di-n-octyl phthalate	22.903	149	1499449	82.96	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.849	276	1962266	80.92	ng	#	89
88) Benzo(b)fluoranthene	24.025	252	1704307	80.84	ng		98
89) Benzo(k)fluoranthene	24.096	252	1615199	78.89	ng	#	97
90) Benzo(a)pyrene	24.918	252	1593983	80.26	ng	#	97
91) Dibenzo(a,h)anthracene	28.920	278	1612479	81.54	ng	#	96
92) Benzo(g,h,i)perylene	30.024	276	1567089	81.06	ng	#	93

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

