

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121720\
 Data File : BG047760.D
 Acq On : 17 Dec 2020 10:16
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:28:57 AM

Quant Time: Dec 17 13:18:21 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	8.200	152	25268	20.00	ng	# 0.00
21) Naphthalene-d8	11.032	136	92684	20.00	ng	# 0.00
39) Acenaphthene-d10	14.827	164	72717	20.00	ng	0.00
64) Phenanthrene-d10	17.560	188	182881	20.00	ng	# 0.00
76) Chrysene-d12	21.837	240	197325	20.00	ng	# 0.00
86) Perylene-d12	25.192	264	209669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	15170	9.73	ng	0.00
7) Phenol-d6	7.336	99	20462	9.07	ng	0.00
23) Nitrobenzene-d5	9.369	82	25355	11.74	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	11359	9.33	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	56199	9.91	ng	0.00
79) Terphenyl-d14	20.145	244	117717	10.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.558	88	4009	5.19	ng	# 71
3) Pyridine	3.993	79	7344	3.56	ng	# 72
4) n-Nitrosodimethylamine	3.887	42	5733	5.54	ng	# 46
6) Aniline	7.512	93	11973	4.49	ng	# 83
8) 2-Chlorophenol	7.759	128	7140	4.31	ng	# 75
9) Benzaldehyde	7.330	77	7877	5.19	ng	# 71
10) Phenol	7.360	94	9232	4.31	ng	# 9
11) bis(2-Chloroethyl)ether	7.606	93	6670	3.93	ng	86
12) 1,3-Dichlorobenzene	8.088	146	10962	5.09	ng	# 83
13) 1,4-Dichlorobenzene	8.241	146	10048m	4.65	ng	
14) 1,2-Dichlorobenzene	8.564	146	10170	4.96	ng	89
15) Benzyl Alcohol	8.429	79	8102	4.67	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.729	45	7533	2.87	ng	83
17) 2-Methylphenol	8.635	107	7392	5.10	ng	# 76
18) Hexachloroethane	9.299	117	4074	5.14	ng	90
19) n-Nitroso-di-n-propyla...	8.999	70	7908	5.33	ng	# 89
20) 3+4-Methylphenols	8.958	107	10004	5.16	ng	# 81
22) Acetophenone	9.022	105	12794	4.79	ng	# 83
24) Nitrobenzene	9.410	77	12201	5.55	ng	# 77
25) Isophorone	9.927	82	18294	4.94	ng	# 90
26) 2-Nitrophenol	10.133	139	4209	4.44	ng	# 47
27) 2,4-Dimethylphenol	10.174	122	7079	5.56	ng	88
28) bis(2-Chloroethoxy)met...	10.415	93	10371	4.63	ng	92
29) 2,4-Dichlorophenol	10.662	162	8784	5.00	ng	96
30) 1,2,4-Trichlorobenzene	10.885	180	10566	4.87	ng	97
31) Naphthalene	11.079	128	24029	4.53	ng	# 91
33) 4-Chloroaniline	11.179	127	9700	4.35	ng	93
34) Hexachlorobutadiene	11.355	225	9777	5.96	ng	93
35) Caprolactam	11.913	113	2933m	5.10	ng	
36) 4-Chloro-3-methylphenol	12.277	107	9123	5.09	ng	# 83
37) 2-Methylnaphthalene	12.671	142	18551	4.65	ng	# 95
38) 1-Methylnaphthalene	12.889	142	19642	5.18	ng	# 78
40) 1,2,4,5-Tetrachloroben...	13.030	216	14678	5.11	ng	# 96
41) Hexachlorocyclopentadiene	13.012	237	5788	3.89	ng	91
43) 2,4,6-Trichlorophenol	13.265	196	9169	4.91	ng	87
44) 2,4,5-Trichlorophenol	13.329	196	8942	4.72	ng	# 84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.658	154	27457	4.61	ng	93
47) 2-Chloronaphthalene	13.705	162	22403	4.61	ng	97
48) 2-Nitroaniline	13.899	65	6839	4.25	ng #	82
49) Acenaphthylene	14.551	152	32751	4.61	ng	97
50) Dimethylphthalate	14.263	163	31076	4.84	ng	96
51) 2,6-Dinitrotoluene	14.381	165	6674	5.01	ng #	80
52) Acenaphthene	14.886	154	21529m	4.74	ng	
53) 3-Nitroaniline	14.710	138	5309	4.00	ng #	45
55) Dibenzofuran	15.215	168	34633	4.64	ng	95
56) 4-Nitrophenol	15.004	139	3758	3.66	ng #	72
57) 2,4-Dinitrotoluene	15.168	165	9340	4.80	ng #	75
58) Fluorene	15.867	166	29069	4.84	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.438	232	8352	4.20	ng #	92
60) Diethylphthalate	15.615	149	29495	4.65	ng	98
61) 4-Chlorophenyl-phenyle...	15.856	204	17216	4.84	ng	95
62) 4-Nitroaniline	15.867	138	5915	4.15	ng #	29
63) Azobenzene	16.144	77	27685	4.87	ng	84
66) n-Nitrosodiphenylamine	16.061	169	26257	4.67	ng	99
67) 4-Bromophenyl-phenylether	16.743	248	11584	4.54	ng #	89
68) Hexachlorobenzene	16.872	284	13225	4.77	ng	93
69) Atrazine	16.995	200	11437	4.75	ng	87
70) Pentachlorophenol	17.213	266	2810	1.86	ng #	59
71) Phenanthrene	17.601	178	48248	4.55	ng	98
72) Anthracene	17.695	178	49128	4.77	ng	93
73) Carbazole	17.953	167	42571	4.68	ng	94
74) Di-n-butylphthalate	18.500	149	47380	4.26	ng #	95
75) Fluoranthene	19.598	202	66205	4.90	ng	91
77) Benzidine	19.769	184	29251	4.42	ng	99
78) Pyrene	19.957	202	70356	5.12	ng #	92
80) Butylbenzylphthalate	20.820	149	20920	4.04	ng	88
81) Benzo(a)anthracene	21.819	228	69300	4.95	ng	95
82) 3,3'-Dichlorobenzidine	21.719	252	23591	4.87	ng	97
83) Chrysene	21.884	228	65485	4.86	ng	96
84) Bis(2-ethylhexyl)phtha...	21.696	149	30818	4.25	ng	99
85) Di-n-octyl phthalate	22.953	149	51901	4.26	ng #	95
87) Indeno(1,2,3-cd)pyrene	29.017	276	75391	4.74	ng #	53
88) Benzo(b)fluoranthene	24.111	252	67553	4.72	ng #	90
89) Benzo(k)fluoranthene	24.187	252	69790	4.99	ng #	92
90) Benzo(a)pyrene	25.027	252	63336	4.74	ng #	95
91) Dibenzo(a,h)anthracene	29.093	278	60619	4.68	ng #	89
92) Benzo(g,h,i)perylene	30.215	276	59953	4.67	ng #	83

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

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