

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046843.D
 Acq On : 12 Oct 2020 11:17
 Operator : CG/JU
 Sample : PB132277BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132277BS

Manual Integrations
 APPROVED

mohammad
 10/13/2020 2:59:36 PM

Quant Time: Oct 12 12:42:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	82814	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	342892	20.00	ng	0.00
39) Acenaphthene-d10	14.732	164	255580	20.00	ng	0.00
64) Phenanthrene-d10	17.476	188	637500	20.00	ng	# 0.00
76) Chrysene-d12	21.748	240	668382	20.00	ng	0.00
86) Perylene-d12	25.009	264	591498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	561446	108.61	ng	0.00
7) Phenol-d6	7.259	99	748614	102.67	ng	0.00
23) Nitrobenzene-d5	9.268	82	514050	79.76	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	412340	122.36	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	1227869	68.01	ng	0.00
79) Terphenyl-d14	20.073	244	2178555	65.33	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.563	88	99539	41.27	ng	# 92
3) Pyridine	3.957	79	139585	20.46	ng	97
4) n-Nitrosodimethylamine	3.869	42	119973	33.60	ng	# 75
6) Aniline	7.429	93	313318	35.56	ng	92
8) 2-Chlorophenol	7.670	128	228936	44.44	ng	93
9) Benzaldehyde	7.241	77	158357	39.27	ng	90
10) Phenol	7.288	94	305230	42.05	ng	81
11) bis(2-Chloroethyl)ether	7.523	93	212696	37.92	ng	93
12) 1,3-Dichlorobenzene	7.999	146	238885	35.91	ng	# 94
13) 1,4-Dichlorobenzene	8.140	146	242940	36.85	ng	98
14) 1,2-Dichlorobenzene	8.463	146	238853	38.85	ng	96
15) Benzyl Alcohol	8.340	79	244415	40.77	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.634	45	313401	31.84	ng	99
17) 2-Methylphenol	8.540	107	200437	43.01	ng	# 91
18) Hexachloroethane	9.198	117	85873	34.53	ng	95
19) n-Nitroso-di-n-propyla...	8.910	70	194067	38.81	ng	95
20) 3+4-Methylphenols	8.869	107	279161	43.95	ng	90
22) Acetophenone	8.928	105	365678	36.72	ng	93
24) Nitrobenzene	9.309	77	286637	40.74	ng	# 87
25) Isophorone	9.838	82	528495	37.56	ng	95
26) 2-Nitrophenol	10.026	139	130286	51.23	ng	# 83
27) 2,4-Dimethylphenol	10.079	122	211187	41.54	ng	86
28) bis(2-Chloroethoxy)met...	10.314	93	292419	33.69	ng	97
29) 2,4-Dichlorophenol	10.561	162	260037	42.52	ng	97
30) 1,2,4-Trichlorobenzene	10.778	180	266538	36.51	ng	95
31) Naphthalene	10.966	128	691491	37.18	ng	99
32) Benzoic acid	10.226	122	163953	46.46	ng	91
33) 4-Chloroaniline	11.066	127	240036	29.14	ng	# 93
34) Hexachlorobutadiene	11.254	225	191301	35.74	ng	96
35) Caprolactam	11.848	113	88099m	42.53	ng	
36) 4-Chloro-3-methylphenol	12.182	107	279697	42.54	ng	88
37) 2-Methylnaphthalene	12.564	142	537870	39.01	ng	# 91
38) 1-Methylnaphthalene	12.782	142	505265	39.48	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.929	216	348687	37.95	ng	# 97
41) Hexachlorocyclopentadiene	12.911	237	407917	76.33	ng	99
43) 2,4,6-Trichlorophenol	13.164	196	238980	41.36	ng	97

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44) 2,4,5-Trichlorophenol	13.234	196	260682	44.83	ng	#	93
46) 1,1'-Biphenyl	13.569	154	742506	37.79	ng		96
47) 2-Chloronaphthalene	13.610	162	570358	35.72	ng		98
48) 2-Nitroaniline	13.804	65	203678	48.05	ng	#	81
49) Acenaphthylene	14.456	152	900008	38.30	ng		98
50) Dimethylphthalate	14.180	163	791844	38.79	ng		99
51) 2,6-Dinitrotoluene	14.298	165	176906	53.32	ng	#	74
52) Acenaphthene	14.797	154	703425m	44.08	ng		
53) 3-Nitroaniline	14.627	138	142825	38.09	ng	#	71
54) 2,4-Dinitrophenol	14.832	184	234876	129.63	ng	#	75
55) Dibenzofuran	15.126	168	929558	38.58	ng		96
56) 4-Nitrophenol	14.932	139	310655	100.61	ng	#	62
57) 2,4-Dinitrotoluene	15.085	165	254922	58.03	ng	#	80
58) Fluorene	15.778	166	760613	39.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.349	232	267463	46.02	ng	#	96
60) Diethylphthalate	15.543	149	800817	39.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.767	204	445757	40.47	ng		99
62) 4-Nitroaniline	15.796	138	186576	44.82	ng	#	65
63) Azobenzene	16.060	77	731512	36.26	ng		91
65) 4,6-Dinitro-2-methylph...	15.849	198	170556	64.45	ng		91
66) n-Nitrosodiphenylamine	15.978	169	718746	37.53	ng		97
67) 4-Bromophenyl-phenylether	16.660	248	313359	38.90	ng		96
68) Hexachlorobenzene	16.777	284	331888	38.29	ng		93
69) Atrazine	16.924	200	272961	35.47	ng		97
70) Pentachlorophenol	17.118	266	459095	91.77	ng		93
71) Phenanthrene	17.517	178	1305305	37.71	ng		99
72) Anthracene	17.606	178	1331695	38.99	ng		99
73) Carbazole	17.870	167	1179240	37.94	ng		98
74) Di-n-butylphthalate	18.428	149	1399527	36.64	ng	#	98
75) Fluoranthene	19.521	202	1698764	38.54	ng		98
77) Benzidine	19.691	184	610274	29.62	ng		99
78) Pyrene	19.879	202	1658316	38.60	ng		100
80) Butylbenzylphthalate	20.761	149	635501	38.28	ng		94
81) Benzo(a)anthracene	21.730	228	1702961	38.16	ng		100
82) 3,3'-Dichlorobenzidine	21.636	252	639611	36.93	ng	#	95
83) Chrysene	21.795	228	1612586	37.82	ng		98
84) Bis(2-ethylhexyl)phtha...	21.630	149	911539	37.38	ng		98
85) Di-n-octyl phthalate	22.864	149	1531242	36.51	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.757	276	1967677	44.96	ng	#	89
88) Benzo(b)fluoranthene	23.980	252	1722018	44.42	ng	#	97
89) Benzo(k)fluoranthene	24.051	252	1692916	45.43	ng	#	96
90) Benzo(a)pyrene	24.868	252	1576664	43.23	ng	#	98
91) Dibenzo(a,h)anthracene	28.822	278	1642202	45.88	ng	#	95
92) Benzo(g,h,i)perylene	29.926	276	1644420	46.97	ng	#	94

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

