

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
 Data File : BG046876.D
 Acq On : 13 Oct 2020 16:23
 Operator : CG/JU
 Sample : PB132232BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB132232BSD

Manual Integrations
 APPROVED

mohammad
 10/14/2020 10:25:24 AM

Quant Time: Oct 13 17:03:09 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	8.104	152	60517	20.00	ng	0.00
21) Naphthalene-d8	10.919	136	235703	20.00	ng	# 0.00
39) Acenaphthene-d10	14.726	164	166330	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	422765	20.00	ng	0.00
76) Chrysene-d12	21.747	240	462513	20.00	ng	# 0.00
86) Perylene-d12	25.014	264	475313	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	518484	137.25	ng	0.00
7) Phenol-d6	7.258	99	684692	128.50	ng	0.00
23) Nitrobenzene-d5	9.268	82	614285	138.65	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	343993	156.85	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1413966	120.35	ng	0.00
79) Terphenyl-d14	20.073	244	2487146	107.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.557	88	66780	37.89	ng	# 95
3) Pyridine	3.950	79	186661	37.43	ng	97
4) n-Nitrosodimethylamine	3.862	42	106991	41.00	ng	# 75
6) Aniline	7.423	93	224758	34.90	ng	96
8) 2-Chlorophenol	7.669	128	190896	50.71	ng	92
9) Benzaldehyde	7.235	77	14645	Below Cal		# 84
10) Phenol	7.287	94	261103	49.23	ng	84
11) bis(2-Chloroethyl)ether	7.523	93	186594	45.52	ng	93
12) 1,3-Dichlorobenzene	7.993	146	219660	45.19	ng	# 94
13) 1,4-Dichlorobenzene	8.139	146	220105	45.69	ng	98
14) 1,2-Dichlorobenzene	8.463	146	207516	46.19	ng	96
15) Benzyl Alcohol	8.339	79	198084	45.22	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.627	45	261499	36.35	ng	97
17) 2-Methylphenol	8.539	107	167134	49.07	ng	# 91
18) Hexachloroethane	9.197	117	81422	44.81	ng	94
19) n-Nitroso-di-n-propyla...	8.909	70	159924	43.77	ng	95
20) 3+4-Methylphenols	8.868	107	227470	49.00	ng	94
22) Acetophenone	8.927	105	296765	43.35	ng	# 95
24) Nitrobenzene	9.309	77	240093	49.65	ng	89
25) Isophorone	9.832	82	416205	43.04	ng	96
26) 2-Nitrophenol	10.020	139	113130	64.71	ng	# 79
27) 2,4-Dimethylphenol	10.072	122	173542	49.66	ng	92
28) bis(2-Chloroethoxy)met...	10.313	93	249592	41.84	ng	97
29) 2,4-Dichlorophenol	10.554	162	211898	50.41	ng	99
30) 1,2,4-Trichlorobenzene	10.778	180	231379	46.11	ng	99
31) Naphthalene	10.966	128	587405	45.95	ng	99
32) Benzoic acid	10.208	122	124752	50.75	ng	# 84
33) 4-Chloroaniline	11.065	127	141857	25.05	ng	95
34) Hexachlorobutadiene	11.248	225	168982	45.93	ng	93
35) Caprolactam	11.835	113	67063m	47.10	ng	
36) 4-Chloro-3-methylphenol	12.182	107	219394	48.54	ng	89
37) 2-Methylnaphthalene	12.564	142	441184	46.55	ng	# 93
38) 1-Methylnaphthalene	12.781	142	426737	48.51	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.928	216	277569	46.42	ng	# 98
41) Hexachlorocyclopentadiene	12.910	237	408470	117.45	ng	96
43) 2,4,6-Trichlorophenol	13.163	196	192230	51.12	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.233	196	201092	53.14	ng	#	92
46) 1,1'-Biphenyl	13.562	154	586581	45.87	ng		96
47) 2-Chloronaphthalene	13.609	162	462495	44.51	ng		96
48) 2-Nitroaniline	13.803	65	158421	57.43	ng	#	76
49) Acenaphthylene	14.450	152	702584	45.94	ng		98
50) Dimethylphthalate	14.179	163	609818	45.90	ng		98
51) 2,6-Dinitrotoluene	14.297	165	138976	64.37	ng	#	76
52) Acenaphthene	14.796	154	553418m	53.29	ng		
53) 3-Nitroaniline	14.626	138	97738	40.06	ng	#	81
54) 2,4-Dinitrophenol	14.832	184	177847	150.82	ng	#	75
55) Dibenzofuran	15.125	168	737813	47.05	ng		96
56) 4-Nitrophenol	14.931	139	234390	116.64	ng	#	73
57) 2,4-Dinitrotoluene	15.078	165	189880	66.41	ng	#	78
58) Fluorene	15.772	166	594775	47.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.349	232	205527	54.33	ng	#	96
60) Diethylphthalate	15.537	149	610703	45.72	ng		96
61) 4-Chlorophenyl-phenyle...	15.766	204	352460	49.17	ng		99
62) 4-Nitroaniline	15.789	138	141918	52.39	ng	#	65
63) Azobenzene	16.060	77	567920	43.25	ng		92
65) 4,6-Dinitro-2-methylph...	15.842	198	134164	76.45	ng		88
66) n-Nitrosodiphenylamine	15.977	169	536121	42.21	ng		97
67) 4-Bromophenyl-phenylether	16.659	248	237649	44.49	ng		95
68) Hexachlorobenzene	16.776	284	248575	43.25	ng		90
69) Atrazine	16.923	200	212044	41.55	ng		96
70) Pentachlorophenol	17.117	266	348900	105.16	ng		91
71) Phenanthrene	17.517	178	1000514	43.59	ng		98
72) Anthracene	17.605	178	1023174	45.18	ng		98
73) Carbazole	17.869	167	908428	44.08	ng		97
74) Di-n-butylphthalate	18.427	149	1086606	42.89	ng	#	98
75) Fluoranthene	19.520	202	1327470	45.41	ng		97
77) Benzidine	19.691	184	571853	40.11	ng		99
78) Pyrene	19.879	202	1320328	44.41	ng		99
80) Butylbenzylphthalate	20.760	149	501182	43.62	ng		93
81) Benzo(a)anthracene	21.724	228	1326567	42.96	ng		99
82) 3,3'-Dichlorobenzidine	21.635	252	370467	30.91	ng		98
83) Chrysene	21.794	228	1292432	43.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.629	149	704797	41.76	ng		97
85) Di-n-octyl phthalate	22.857	149	1190007	41.01	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.751	276	1579735	44.92	ng	#	88
88) Benzo(b)fluoranthene	23.980	252	1370250	43.99	ng	#	97
89) Benzo(k)fluoranthene	24.050	252	1354392	45.23	ng	#	97
90) Benzo(a)pyrene	24.861	252	1261478	43.04	ng	#	97
91) Dibenzo(a,h)anthracene	28.821	278	1296445	45.07	ng	#	95
92) Benzo(g,h,i)perylene	29.920	276	1274832	45.32	ng	#	94

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

