

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003820.D
 Acq On : 05 Nov 2020 14:37
 Operator : CG/JU
 Sample : PB132832BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132832BS

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:32:39 AM

Quant Time: Nov 05 16:34:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	190924	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	730682	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	436709	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	855242	20.00	ng	0.01
76) Chrysene-d12	21.663	240	756009	20.00	ng	0.01
86) Perylene-d12	24.133	264	747658	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1528413	133.61	ng	0.00
7) Phenol-d6	7.463	99	1923151	117.11	ng	0.00
23) Nitrobenzene-d5	9.463	82	1228965m	82.37	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	672834	123.18	ng	0.01
45) 2-Fluorobiphenyl	13.545	172	2500119	80.04	ng	0.01
79) Terphenyl-d14	20.133	244	3106537	79.39	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	169507	34.35	ng	# 62
3) Pyridine	3.946	79	515832	35.64	ng	# 66
4) n-Nitrosodimethylamine	3.840	42	277393	41.62	ng	# 56
6) Aniline	7.599	93	563780	30.24	ng	# 85
8) 2-Chlorophenol	7.863	128	562549	46.32	ng	# 80
9) Benzaldehyde	7.399	77	130408	14.33	ng	# 81
10) Phenol	7.493	94	719222	45.39	ng	83
11) bis(2-Chloroethyl)ether	7.687	93	554206	43.51	ng	# 82
12) 1,3-Dichlorobenzene	8.193	146	627873	42.18	ng	# 94
13) 1,4-Dichlorobenzene	8.334	146	638517	42.55	ng	96
14) 1,2-Dichlorobenzene	8.669	146	608004	42.42	ng	97
15) Benzyl Alcohol	8.534	79	514073	45.20	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	853835	39.80	ng	82
17) 2-Methylphenol	8.757	107	470727	45.24	ng	# 93
18) Hexachloroethane	9.416	117	230301	43.18	ng	99
19) n-Nitroso-di-n-propyla...	9.104	70	418105	42.60	ng	# 77
20) 3+4-Methylphenols	9.081	107	625436	45.03	ng	96
22) Acetophenone	9.116	105	828695	42.25	ng	# 86
24) Nitrobenzene	9.504	77	634053	42.76	ng	# 82
25) Isophorone	10.028	82	1111311	43.85	ng	# 89
26) 2-Nitrophenol	10.228	139	291862	50.41	ng	# 75
27) 2,4-Dimethylphenol	10.293	122	501097	51.89	ng	93
28) bis(2-Chloroethoxy)met...	10.504	93	696051	40.03	ng	97
29) 2,4-Dichlorophenol	10.781	162	523745	45.01	ng	96
30) 1,2,4-Trichlorobenzene	10.998	180	583161	41.13	ng	100
31) Naphthalene	11.181	128	1645979	41.98	ng	100
32) Benzoic acid	10.451	122	265717	40.72	ng	# 77
33) 4-Chloroaniline	11.269	127	303702	18.23	ng	# 90
34) Hexachlorobutadiene	11.498	225	372304	40.26	ng	100
35) Caprolactam	12.010	113	152470	42.38	ng	# 20
36) 4-Chloro-3-methylphenol	12.393	107	542696	43.20	ng	91
37) 2-Methylnaphthalene	12.763	142	1174425	41.86	ng	96
38) 1-Methylnaphthalene	12.981	142	1083240	40.47	ng	96
40) 1,2,4,5-Tetrachloroben...	13.145	216	631835	43.72	ng	# 98
41) Hexachlorocyclopentadiene	13.140	237	884355	121.28	ng	100
43) 2,4,6-Trichlorophenol	13.369	196	403545	45.17	ng	99

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44) 2,4,5-Trichlorophenol	13.445	196	440840	46.86	ng	97
46) 1,1'-Biphenyl	13.751	154	1438925	42.45	ng	98
47) 2-Chloronaphthalene	13.798	162	1137030	40.88	ng	98
48) 2-Nitroaniline	13.981	65	348553	42.00	ng	# 60
49) Acenaphthylene	14.639	152	1726591	42.27	ng	100
50) Dimethylphthalate	14.351	163	1374112	40.25	ng	99
51) 2,6-Dinitrotoluene	14.463	165	304769	43.51	ng	# 76
52) Acenaphthene	14.981	154	1226403	45.08	ng	94
53) 3-Nitroaniline	14.792	138	187388	24.17	ng	# 75
54) 2,4-Dinitrophenol	14.998	184	305785	78.49	ng	# 38
55) Dibenzofuran	15.310	168	1666576	41.23	ng	99
56) 4-Nitrophenol	15.110	139	494842	88.56	ng	# 64
57) 2,4-Dinitrotoluene	15.245	165	413021	43.92	ng	# 75
58) Fluorene	15.957	166	1329045	41.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.539	232	373378	44.03	ng	97
60) Diethylphthalate	15.698	149	1339025	40.06	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	715537	40.45	ng	97
62) 4-Nitroaniline	15.951	138	292986	36.25	ng	87
63) Azobenzene	16.228	77	1285227	40.73	ng	86
65) 4,6-Dinitro-2-methylph...	16.016	198	222172	48.22	ng	# 76
66) n-Nitrosodiphenylamine	16.145	169	1175620	44.90	ng	97
67) 4-Bromophenyl-phenylether	16.822	248	432774	43.25	ng	98
68) Hexachlorobenzene	16.986	284	482683	42.27	ng	97
69) Atrazine	17.075	200	345663	40.22	ng	98
70) Pentachlorophenol	17.310	266	557390	102.05	ng	99
71) Phenanthrene	17.686	178	2020031	42.08	ng	99
72) Anthracene	17.775	178	2082286	44.92	ng	99
73) Carbazole	18.022	167	1837051	42.71	ng	99
74) Di-n-butylphthalate	18.545	149	2166976	43.52	ng	99
75) Fluoranthene	19.610	202	2311944	41.74	ng	99
77) Benzidine	19.757	184	744753	41.76	ng	99
78) Pyrene	19.963	202	2346351	45.74	ng	98
80) Butylbenzylphthalate	20.780	149	898941	47.02	ng	# 86
81) Benzo(a)anthracene	21.645	228	2144583	43.02	ng	98
82) 3,3'-Dichlorobenzidine	21.557	252	447553	26.02	ng	99
83) Chrysene	21.704	228	2058565	42.97	ng	98
84) Bis(2-ethylhexyl)phtha...	21.527	149	1321601	46.90	ng	99
85) Di-n-octyl phthalate	22.457	149	2200395	46.87	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.692	276	2305404	42.74	ng	98
88) Benzo(b)fluoranthene	23.386	252	2174737	44.45	ng	99
89) Benzo(k)fluoranthene	23.433	252	2006319	41.53	ng	98
90) Benzo(a)pyrene	24.027	252	1876848	41.44	ng	100
91) Dibenzo(a,h)anthracene	26.692	278	1958461	43.56	ng	97
92) Benzo(g,h,i)perylene	27.480	276	1937300	44.52	ng	98

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

