

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003818.D
 Acq On : 05 Nov 2020 13:04
 Operator : CG/JU
 Sample : PB132804BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132804BS

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:32:37 AM

Quant Time: Nov 05 17:13:35 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	176654	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	668655	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	399806	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	831592	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	772818	20.00	ng	0.01
86) Perylene-d12	24.127	264	720489	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1255287	118.60	ng	0.00
7) Phenol-d6	7.463	99	1595130	104.98	ng	0.00
23) Nitrobenzene-d5	9.463	82	1041583m	76.29	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	581984	116.38	ng	0.00
45) 2-Fluorobiphenyl	13.539	172	2187879	76.50	ng	0.00
79) Terphenyl-d14	20.127	244	3206675	80.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	158474	34.70	ng	# 64
3) Pyridine	3.940	79	432885	32.32	ng	# 61
4) n-Nitrosodimethylamine	3.840	42	244050	39.58	ng	# 56
6) Aniline	7.599	93	545639	31.63	ng	# 85
8) 2-Chlorophenol	7.863	128	497008	44.23	ng	# 80
9) Benzaldehyde	7.399	77	5300	Below Cal		# 80
10) Phenol	7.487	94	639306	43.60	ng	83
11) bis(2-Chloroethyl)ether	7.687	93	485972	41.24	ng	# 81
12) 1,3-Dichlorobenzene	8.193	146	548959	39.86	ng	# 94
13) 1,4-Dichlorobenzene	8.334	146	556560	40.08	ng	97
14) 1,2-Dichlorobenzene	8.669	146	529955	39.96	ng	96
15) Benzyl Alcohol	8.528	79	435520	41.38	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.828	45	745338	37.55	ng	82
17) 2-Methylphenol	8.757	107	408831	42.47	ng	# 93
18) Hexachloroethane	9.416	117	199139	40.36	ng	99
19) n-Nitroso-di-n-propyla...	9.104	70	372900	41.06	ng	# 76
20) 3+4-Methylphenols	9.081	107	551807	42.94	ng	95
22) Acetophenone	9.116	105	720326	40.14	ng	# 86
24) Nitrobenzene	9.504	77	557255	41.07	ng	# 82
25) Isophorone	10.028	82	987126	42.57	ng	# 89
26) 2-Nitrophenol	10.228	139	256246	48.37	ng	# 74
27) 2,4-Dimethylphenol	10.293	122	413776	46.82	ng	94
28) bis(2-Chloroethoxy)met...	10.504	93	613535	38.56	ng	98
29) 2,4-Dichlorophenol	10.781	162	462342	43.42	ng	96
30) 1,2,4-Trichlorobenzene	10.998	180	516974	39.85	ng	99
31) Naphthalene	11.181	128	1453644	40.51	ng	100
32) Benzoic acid	10.445	122	242561	40.64	ng	# 74
33) 4-Chloroaniline	11.269	127	379258	24.87	ng	# 91
34) Hexachlorobutadiene	11.498	225	328841	38.86	ng	99
35) Caprolactam	11.998	113	140046	42.53	ng	# 19
36) 4-Chloro-3-methylphenol	12.392	107	485599	42.24	ng	92
37) 2-Methylnaphthalene	12.763	142	1050814	40.92	ng	97
38) 1-Methylnaphthalene	12.981	142	993346	40.56	ng	99
40) 1,2,4,5-Tetrachloroben...	13.139	216	558039	42.17	ng	98
41) Hexachlorocyclopentadiene	13.139	237	679595	101.80	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	363149	44.40	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.445	196	393642	45.71	ng	95
46) 1,1'-Biphenyl	13.751	154	1287306	41.48	ng	98
47) 2-Chloronaphthalene	13.798	162	1021684	40.12	ng	99
48) 2-Nitroaniline	13.975	65	321292	42.28	ng #	58
49) Acenaphthylene	14.639	152	1553426	41.54	ng	100
50) Dimethylphthalate	14.345	163	1250662	40.02	ng	100
51) 2,6-Dinitrotoluene	14.457	165	279620	43.61	ng #	74
52) Acenaphthene	14.981	154	1120851	45.00	ng	91
53) 3-Nitroaniline	14.786	138	204760	28.85	ng #	74
54) 2,4-Dinitrophenol	14.992	184	286761	79.81	ng #	1
55) Dibenzofuran	15.304	168	1507101	40.72	ng	99
56) 4-Nitrophenol	15.104	139	460392	89.99	ng #	62
57) 2,4-Dinitrotoluene	15.245	165	382852	44.47	ng #	78
58) Fluorene	15.951	166	1208241	40.77	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.539	232	347402	44.75	ng	97
60) Diethylphthalate	15.698	149	1225889	40.06	ng	98
61) 4-Chlorophenyl-phenyle...	15.933	204	649286	40.09	ng	96
62) 4-Nitroaniline	15.945	138	277447	37.49	ng	84
63) Azobenzene	16.222	77	1168240	40.44	ng	85
65) 4,6-Dinitro-2-methylph...	16.016	198	212543	47.54	ng	85
66) n-Nitrosodiphenylamine	16.139	169	1066744	41.90	ng	97
67) 4-Bromophenyl-phenylether	16.822	248	399632	41.07	ng	100
68) Hexachlorobenzene	16.980	284	443599	39.96	ng	98
69) Atrazine	17.069	200	279940	33.50	ng	99
70) Pentachlorophenol	17.310	266	499308	94.02	ng	99
71) Phenanthrene	17.680	178	1869817	40.06	ng	99
72) Anthracene	17.769	178	1888848	41.90	ng	99
73) Carbazole	18.022	167	1694419	40.52	ng	99
74) Di-n-butylphthalate	18.539	149	2039043	42.12	ng	99
75) Fluoranthene	19.610	202	2189076	40.65	ng	99
77) Benzidine	19.757	184	563059	30.89	ng	100
78) Pyrene	19.957	202	2199509	41.94	ng	98
80) Butylbenzylphthalate	20.774	149	876294	44.84	ng #	84
81) Benzo(a)anthracene	21.645	228	2064323	40.51	ng	98
82) 3,3'-Dichlorobenzidine	21.557	252	640572	36.44	ng	100
83) Chrysene	21.698	228	2012936	41.11	ng	98
84) Bis(2-ethylhexyl)phtha...	21.527	149	1283341	44.55	ng	99
85) Di-n-octyl phthalate	22.457	149	2168848	45.20	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.680	276	2324849	44.73	ng	99
88) Benzo(b)fluoranthene	23.380	252	2121657	45.00	ng	99
89) Benzo(k)fluoranthene	23.427	252	1991664	42.78	ng	99
90) Benzo(a)pyrene	24.021	252	1879768	43.07	ng	99
91) Dibenzo(a,h)anthracene	26.680	278	1984876	45.81	ng	98
92) Benzo(g,h,i)perylene	27.468	276	1913849	45.64	ng	97

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

