

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
 Data File : BP011762.D
 Acq On : 20 Sep 2022 15:34
 Operator : CG/JU
 Sample : N4653-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 06:46:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	600707	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2513618	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1344927	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2430962	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1530696	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	235880	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	5452992	165.231	ng	0.01
7) Phenol-d6	7.105	99	6577941	149.525	ng	0.01
23) Nitrobenzene-d5	9.105	82	4369475	103.095	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1624652	154.605	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	8173014	94.462	ng	0.00
79) Terphenyl-d14	19.880	244	9017046	128.101	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	627899	43.203	ng	# 61
3) Pyridine	3.805	79	1316366	31.417	ng	# 80
4) n-Nitrosodimethylamine	3.699	42	805197	50.128	ng	# 40
6) Aniline	7.275	93	754001	13.914	ng	90
8) 2-Chlorophenol	7.499	128	2102364	53.725	ng	94
9) Benzaldehyde	7.075	77	924178	32.820	ng	92
10) Phenol	7.128	94	2423976	48.989	ng	83
11) bis(2-Chloroethyl)ether	7.363	93	2177951	55.255	ng	92
12) 1,3-Dichlorobenzene	7.828	146	1794778	41.357	ng	# 93
13) 1,4-Dichlorobenzene	7.975	146	1837076	41.625	ng	97
14) 1,2-Dichlorobenzene	8.287	146	1821434	43.293	ng	97
15) Benzyl Alcohol	8.181	79	741511	23.611	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	2791510	53.021	ng	94
17) 2-Methylphenol	8.381	107	1674073	52.109	ng	92
18) Hexachloroethane	9.022	117	663852	43.489	ng	94
19) n-Nitroso-di-n-propyla...	8.758	70	1525760	53.566	ng	# 84
20) 3+4-Methylphenols	8.716	107	2240992	50.791	ng	92
22) Acetophenone	8.769	105	3032129	51.457	ng	# 88
24) Nitrobenzene	9.146	77	2240630	50.811	ng	# 89
25) Isophorone	9.681	82	4204844	56.083	ng	95
26) 2-Nitrophenol	9.857	139	1044954	51.313	ng	# 81
27) 2,4-Dimethylphenol	9.916	122	1858203	59.281	ng	90
28) bis(2-Chloroethoxy)met...	10.157	93	2009162	41.907	ng	98
29) 2,4-Dichlorophenol	10.393	162	1791843	51.603	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	1610512	41.894	ng	99
31) Naphthalene	10.799	128	5763845	44.187	ng	99
32) Benzoic acid	10.081	122	1249297	47.517	ng	88
33) 4-Chloroaniline	10.922	127	313432	6.124	ng	# 92
34) Hexachlorobutadiene	11.081	225	837412	39.544	ng	99
35) Caprolactam	11.722	113	521056	46.311	ng	# 79
36) 4-Chloro-3-methylphenol	12.028	107	1922037	51.469	ng	93
37) 2-Methylnaphthalene	12.404	142	3977050	45.559	ng	97
38) 1-Methylnaphthalene	12.622	142	3795689	44.473	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1729035	48.711	ng	# 96
41) Hexachlorocyclopentadiene	12.751	237	2152923	121.512	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	1258642	52.128	ng	99

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44) 2,4,5-Trichlorophenol	13.081	196	1378235	51.053	ng	98
46) 1,1'-Biphenyl	13.410	154	5000885	51.113	ng	99
47) 2-Chloronaphthalene	13.451	162	3745076	48.650	ng	99
48) 2-Nitroaniline	13.657	65	1099690	50.940	ng	89
49) Acenaphthylene	14.298	152	5549204	46.588	ng	98
50) Dimethylphthalate	14.040	163	4622824	49.270	ng	100
51) 2,6-Dinitrotoluene	14.151	165	1012631	53.222	ng	92
52) Acenaphthene	14.640	154	4263784m	53.814	ng	
53) 3-Nitroaniline	14.481	138	528589	23.219	ng	94
54) 2,4-Dinitrophenol	14.687	184	1143922	102.095	ng	90
55) Dibenzofuran	14.975	168	5451165	47.776	ng	99
56) 4-Nitrophenol	14.792	139	1705852	92.273	ng	# 73
57) 2,4-Dinitrotoluene	14.940	165	1340427	48.470	ng	# 90
58) Fluorene	15.628	166	4416442	47.723	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	1021737	46.069	ng	91
60) Diethylphthalate	15.398	149	4552452	48.735	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	2048465	47.885	ng	100
62) 4-Nitroaniline	15.645	138	519455	22.591	ng	# 81
63) Azobenzene	15.910	77	4585365	51.081	ng	92
65) 4,6-Dinitro-2-methylph...	15.698	198	624190	47.671	ng	91
66) n-Nitrosodiphenylamine	15.834	169	1020217	14.105	ng	97
67) 4-Bromophenyl-phenylether	16.516	248	1129535	49.635	ng	97
68) Hexachlorobenzene	16.628	284	1168728	47.686	ng	# 91
70) Pentachlorophenol	16.975	266	1562298	100.481	ng	99
71) Phenanthrene	17.375	178	6359145	48.075	ng	97
72) Anthracene	17.463	178	6341164	50.687	ng	97
73) Carbazole	17.728	167	1296741	10.987	ng	99
74) Di-n-butylphthalate	18.281	149	7282814	51.195	ng	99
75) Fluoranthene	19.333	202	6318313	44.289	ng	94
78) Pyrene	19.686	202	6044629	58.549	ng	98
80) Butylbenzylphthalate	20.557	149	2592742	59.930	ng	94
81) Benzo(a)anthracene	21.392	228	4850479	49.163	ng	96
83) Chrysene	21.445	228	4575700	48.541	ng	97
84) Bis(2-ethylhexyl)phtha...	21.310	149	3630269	58.330	ng	# 98
85) Di-n-octyl phthalate	22.251	149	5356212	50.152	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.421	276	3037576	178.747	ng	# 85
88) Benzo(b)fluoranthene	23.110	252	3967408	271.951	ng	# 97
89) Benzo(k)fluoranthene	23.157	252	3701930	251.809	ng	# 94
90) Benzo(a)pyrene	23.751	252	2552399	211.786	ng	# 95
91) Dibenzo(a,h)anthracene	26.445	278	3405491	241.337	ng	# 93
92) Benzo(g,h,i)perylene	27.209	276	2450531	178.129	ng	# 89

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

