

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007821.D
 Acq On : 03 Nov 2021 14:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 15:13:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	194342	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	843782	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	601347	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	1357248	20.00	ng	0.00
76) Chrysene-d12	21.410	240	1496410	20.00	ng	0.00
86) Perylene-d12	23.845	264	1727091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	872261	76.12	ng	0.00
7) Phenol-d6	7.093	99	1326518	79.98	ng	0.00
23) Nitrobenzene-d5	9.087	82	1283499	81.71	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	701119	81.70	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3201004	77.52	ng	0.00
79) Terphenyl-d14	19.880	244	5748197	78.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	154208	38.65	ng	98
3) Pyridine	3.793	79	488906	38.45	ng	97
4) n-Nitrosodimethylamine	3.699	42	213053	39.18	ng	# 99
6) Aniline	7.252	93	750502	40.17	ng	99
8) 2-Chlorophenol	7.487	128	496082	39.28	ng	98
9) Benzaldehyde	7.058	77	357377	39.63	ng	99
10) Phenol	7.116	94	638795	40.33	ng	97
11) bis(2-Chloroethyl)ether	7.346	93	506595	40.07	ng	96
12) 1,3-Dichlorobenzene	7.811	146	537105	38.24	ng	100
13) 1,4-Dichlorobenzene	7.958	146	547408	38.15	ng	99
14) 1,2-Dichlorobenzene	8.275	146	531516	38.33	ng	100
15) Benzyl Alcohol	8.163	79	526173	41.90	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	617118	41.64	ng	97
17) 2-Methylphenol	8.369	107	447769	40.88	ng	100
18) Hexachloroethane	9.010	117	196919	39.68	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	423629	41.73	ng	95
20) 3+4-Methylphenols	8.699	107	645569	41.90	ng	98
22) Acetophenone	8.746	105	836117	39.33	ng	99
24) Nitrobenzene	9.128	77	602832	40.33	ng	97
25) Isophorone	9.657	82	1168474	40.93	ng	99
26) 2-Nitrophenol	9.840	139	309363	40.87	ng	97
27) 2,4-Dimethylphenol	9.905	122	470808	40.47	ng	96
28) bis(2-Chloroethoxy)met...	10.140	93	751232	39.88	ng	99
29) 2,4-Dichlorophenol	10.375	162	562795	40.24	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	604119	38.83	ng	100
31) Naphthalene	10.775	128	1671728	39.17	ng	99
32) Benzoic acid	10.063	122	429090	42.79	ng	99
33) 4-Chloroaniline	10.887	127	758220	40.33	ng	98
34) Hexachlorobutadiene	11.069	225	393179	38.50	ng	98
35) Caprolactam	11.681	113	200304	41.03	ng	96
36) 4-Chloro-3-methylphenol	12.016	107	659163	41.72	ng	99
37) 2-Methylnaphthalene	12.387	142	1258015	39.96	ng	98
38) 1-Methylnaphthalene	12.604	142	1228738	39.83	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	728902	38.67	ng	99
41) Hexachlorocyclopentadiene	12.740	237	403579	39.97	ng	97
43) 2,4,6-Trichlorophenol	12.993	196	530125	40.26	ng	99

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44) 2,4,5-Trichlorophenol	13.063	196	579024	40.60	ng	97
46) 1,1'-Biphenyl	13.398	154	1700453	39.16	ng	98
47) 2-Chloronaphthalene	13.440	162	1311644	38.87	ng	99
48) 2-Nitroaniline	13.640	65	411975	42.43	ng	97
49) Acenaphthylene	14.287	152	2128368	40.17	ng	99
50) Dimethylphthalate	14.028	163	1830102	39.43	ng	99
51) 2,6-Dinitrotoluene	14.140	165	392733	40.92	ng	96
52) Acenaphthene	14.628	154	1259255	39.35	ng	98
53) 3-Nitroaniline	14.463	138	420872	41.10	ng	# 97
54) 2,4-Dinitrophenol	14.669	184	245539	41.61	ng	88
55) Dibenzofuran	14.963	168	2146489	39.65	ng	99
56) 4-Nitrophenol	14.775	139	359548	41.34	ng	95
57) 2,4-Dinitrotoluene	14.928	165	552743	41.83	ng	89
58) Fluorene	15.610	166	1664061	40.53	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	527344m	41.07	ng	
60) Diethylphthalate	15.392	149	1848669	41.03	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	891657	39.76	ng	98
62) 4-Nitroaniline	15.634	138	437507	42.07	ng	92
63) Azobenzene	15.904	77	1594566	41.93	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	366337	41.22	ng	93
66) n-Nitrosodiphenylamine	15.822	169	1509587	39.07	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	588604	39.17	ng	99
68) Hexachlorobenzene	16.628	284	655112	39.07	ng	93
69) Atrazine	16.781	200	592945	40.07	ng	98
70) Pentachlorophenol	16.969	266	445737	41.33	ng	96
71) Phenanthrene	17.363	178	2791820	39.13	ng	100
72) Anthracene	17.451	178	2756020	39.25	ng	100
73) Carbazole	17.722	167	2743382	39.31	ng	99
74) Di-n-butylphthalate	18.281	149	3208164	40.36	ng	100
75) Fluoranthene	19.328	202	3524905	39.16	ng	98
77) Benzidine	19.504	184	1752643	46.47	ng	99
78) Pyrene	19.680	202	3656162	39.84	ng	99
80) Butylbenzylphthalate	20.557	149	1585029	41.09	ng	98
81) Benzo(a)anthracene	21.392	228	3895890	39.52	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1326775	40.08	ng	# 99
83) Chrysene	21.451	228	3658619	39.20	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	2230068	40.31	ng	99
85) Di-n-octyl phthalate	22.263	149	4078980	40.99	ng	97
87) Indeno(1,2,3-cd)pyrene	26.404	276	4945308	38.41	ng	97
88) Benzo(b)fluoranthene	23.104	252	3986603	39.16	ng	99
89) Benzo(k)fluoranthene	23.157	252	4036915	39.95	ng	99
90) Benzo(a)pyrene	23.739	252	3472717	39.39	ng	99
91) Dibenzo(a,h)anthracene	26.421	278	4074519	38.19	ng	99
92) Benzo(g,h,i)perylene	27.186	276	4033949	38.11	ng	98

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

