

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007814.D
 Acq On : 03 Nov 2021 09:50
 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 11:27:57 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	161130	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	701819	20.00	ng	0.00
39) Acenaphthene-d10	14.563	164	502981	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	1107726	20.00	ng	0.00
76) Chrysene-d12	21.410	240	1283536	20.00	ng	0.00
86) Perylene-d12	23.845	264	1510659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	738459	77.72	ng	0.00
7) Phenol-d6	7.093	99	1117384	81.25	ng	0.00
23) Nitrobenzene-d5	9.081	82	1060193	81.15	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	568837	79.24	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2712873	78.55	ng	0.00
79) Terphenyl-d14	19.880	244	4896890	77.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.387	88	129778	39.28	ng	Qvalue 97
3) Pyridine	3.793	79	408524m	38.75	ng	
4) n-Nitrosodimethylamine	3.699	42	174344	38.67	ng	# 89
6) Aniline	7.246	93	633738	40.91	ng	99
8) 2-Chlorophenol	7.487	128	416757	39.80	ng	98
9) Benzaldehyde	7.058	77	282531	37.78	ng	96
10) Phenol	7.116	94	535732	40.80	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	422857	40.34	ng	98
12) 1,3-Dichlorobenzene	7.810	146	457652	39.30	ng	99
13) 1,4-Dichlorobenzene	7.957	146	468252	39.36	ng	99
14) 1,2-Dichlorobenzene	8.275	146	455571	39.62	ng	100
15) Benzyl Alcohol	8.163	79	433686	41.66	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	507886	41.34	ng	96
17) 2-Methylphenol	8.369	107	373812	41.16	ng	99
18) Hexachloroethane	9.004	117	164950	40.09	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	346963	41.23	ng	97
20) 3+4-Methylphenols	8.699	107	529540	41.45	ng	99
22) Acetophenone	8.746	105	701361	39.66	ng	# 98
24) Nitrobenzene	9.122	77	500337	40.24	ng	99
25) Isophorone	9.657	82	960938	40.47	ng	98
26) 2-Nitrophenol	9.834	139	252578	40.11	ng	97
27) 2,4-Dimethylphenol	9.904	122	386996	40.00	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	622743	39.75	ng	99
29) 2,4-Dichlorophenol	10.375	162	470274	40.42	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	503536	38.92	ng	99
31) Naphthalene	10.775	128	1399425	39.42	ng	99
32) Benzoic acid	10.046	122	337722	40.49	ng	99
33) 4-Chloroaniline	10.887	127	627476	40.12	ng	98
34) Hexachlorobutadiene	11.069	225	325894	38.36	ng	98
35) Caprolactam	11.675	113	170767	42.05	ng	91
36) 4-Chloro-3-methylphenol	12.016	107	541101	41.17	ng	99
37) 2-Methylnaphthalene	12.387	142	1042579	39.81	ng	99
38) 1-Methylnaphthalene	12.604	142	1019685	39.74	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	611774	38.80	ng	98
41) Hexachlorocyclopentadiene	12.740	237	334662	39.63	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	441773	40.11	ng	99

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44) 2,4,5-Trichlorophenol	13.063	196	482041	40.41	ng	99
46) 1,1'-Biphenyl	13.398	154	1426341	39.28	ng	99
47) 2-Chloronaphthalene	13.440	162	1110681	39.36	ng	100
48) 2-Nitroaniline	13.640	65	344764	42.46	ng	98
49) Acenaphthylene	14.281	152	1782418	40.22	ng	99
50) Dimethylphthalate	14.022	163	1575064	40.57	ng	100
51) 2,6-Dinitrotoluene	14.134	165	329105	40.99	ng	99
52) Acenaphthene	14.628	154	1053823	39.37	ng	98
53) 3-Nitroaniline	14.463	138	359794	42.01	ng	# 97
54) 2,4-Dinitrophenol	14.669	184	208546	42.25	ng	90
55) Dibenzofuran	14.963	168	1726534	38.13	ng	99
56) 4-Nitrophenol	14.775	139	307522	42.27	ng	95
57) 2,4-Dinitrotoluene	14.928	165	447352	40.47	ng	90
58) Fluorene	15.610	166	1336197	38.90	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	425807m	39.65	ng	
60) Diethylphthalate	15.392	149	1510855	40.09	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	723600	38.57	ng	98
62) 4-Nitroaniline	15.634	138	358204	41.18	ng	95
63) Azobenzene	15.904	77	1297485	40.79	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	297279	40.99	ng	93
66) n-Nitrosodiphenylamine	15.822	169	1229736	38.99	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	476721	38.87	ng	99
68) Hexachlorobenzene	16.628	284	532520	38.92	ng	92
69) Atrazine	16.781	200	489746	40.56	ng	98
70) Pentachlorophenol	16.969	266	365513	41.53	ng	99
71) Phenanthrene	17.363	178	2306080	39.60	ng	100
72) Anthracene	17.451	178	2278855	39.77	ng	100
73) Carbazole	17.722	167	2285739	40.13	ng	100
74) Di-n-butylphthalate	18.280	149	2674743	41.23	ng	100
75) Fluoranthene	19.327	202	2955160	40.23	ng	98
77) Benzidine	19.504	184	1395697	43.15	ng	99
78) Pyrene	19.680	202	3078050	39.10	ng	100
80) Butylbenzylphthalate	20.557	149	1329504	40.18	ng	99
81) Benzo(a)anthracene	21.392	228	3322455	39.29	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	1131997	39.87	ng	99
83) Chrysene	21.451	228	3156306	39.43	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1941648	40.92	ng	99
85) Di-n-octyl phthalate	22.263	149	3572197	41.85	ng	97
87) Indeno(1,2,3-cd)pyrene	26.404	276	4652754	41.32	ng	96
88) Benzo(b)fluoranthene	23.104	252	3509512	39.41	ng	99
89) Benzo(k)fluoranthene	23.157	252	3527204	39.91	ng	98
90) Benzo(a)pyrene	23.739	252	3079511	39.94	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	3845270	41.20	ng	98
92) Benzo(g,h,i)perylene	27.186	276	3859840	41.69	ng	97

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

