

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
 Data File : BP007401.D
 Acq On : 13 Oct 2021 12:24
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 10/14/2021 10:56:04 AM

Quant Time: Oct 13 13:07:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:04:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	208283	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	803518	20.00	ng	0.00
39) Acenaphthene-d10	14.604	164	505498	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1063382	20.00	ng	0.00
76) Chrysene-d12	21.439	240	1019845	20.00	ng	0.00
86) Perylene-d12	23.892	264	1149124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	952549	75.36	ng	0.00
7) Phenol-d6	7.122	99	1285753	75.77	ng	0.00
23) Nitrobenzene-d5	9.122	82	1052306	77.13	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	409910	49.44	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2473605	68.38	ng	0.00
79) Terphenyl-d14	19.909	244	3598985	62.24	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	209455	43.07	ng	100
3) Pyridine	3.816	79	569192	41.37	ng	100
4) n-Nitrosodimethylamine	3.728	42	248296	48.27	ng	100
6) Aniline	7.287	93	738220	39.21	ng	100
8) 2-Chlorophenol	7.528	128	489792	35.80	ng	100
9) Benzaldehyde	7.098	77	377458	38.43	ng	100
10) Phenol	7.151	94	626223	38.59	ng	100
11) bis(2-Chloroethyl)ether	7.387	93	509748	39.19	ng	100
12) 1,3-Dichlorobenzene	7.857	146	572016	37.08	ng	100
13) 1,4-Dichlorobenzene	8.004	146	576047	37.19	ng	100
14) 1,2-Dichlorobenzene	8.322	146	544918	36.33	ng	100
15) Benzyl Alcohol	8.198	79	481828	43.75	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.504	45	667409	44.60	ng	100
17) 2-Methylphenol	8.404	107	424284	37.88	ng	100
18) Hexachloroethane	9.057	117	208770	39.88	ng	100
19) n-Nitroso-di-n-propyla...	8.775	70	372952	38.76	ng	100
20) 3+4-Methylphenols	8.734	107	585846	37.31	ng	100
22) Acetophenone	8.787	105	748612	39.61	ng	100
24) Nitrobenzene	9.163	77	523409	40.66	ng	100
25) Isophorone	9.698	82	1034032	40.16	ng	100
26) 2-Nitrophenol	9.881	139	201751	28.06	ng	100
27) 2,4-Dimethylphenol	9.945	122	420774	39.40	ng	100
28) bis(2-Chloroethoxy)met...	10.181	93	674568	39.01	ng	100
29) 2,4-Dichlorophenol	10.416	162	468768	36.50	ng	100
30) 1,2,4-Trichlorobenzene	10.639	180	531602	36.74	ng	100
31) Naphthalene	10.822	128	1506577	36.64	ng	100
32) Benzoic acid	10.063	122	244582	28.39	ng	100
33) 4-Chloroaniline	10.922	127	653617	38.41	ng	100
34) Hexachlorobutadiene	11.128	225	336708	39.01	ng	100
35) Caprolactam	11.686	113	92563	22.79	ng	100
36) 4-Chloro-3-methylphenol	12.045	107	508597	42.31	ng	100
37) 2-Methylnaphthalene	12.433	142	1062546	41.28	ng	100
38) 1-Methylnaphthalene	12.651	142	1031887	40.83	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	565351	34.43	ng	100
41) Hexachlorocyclopentadiene	12.786	237	325418	67.48	ng	100
43) 2,4,6-Trichlorophenol	13.033	196	347084	30.88	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	338369	27.81	ng	100
46) 1,1'-Biphenyl	13.439	154	1378551	36.32	ng	100
47) 2-Chloronaphthalene	13.480	162	1060853	35.83	ng	100
48) 2-Nitroaniline	13.669	65	256232	33.42	ng	100
49) Acenaphthylene	14.322	152	1699670	37.19	ng	100
50) Dimethylphthalate	14.063	163	1387720	35.63	ng	100
51) 2,6-Dinitrotoluene	14.169	165	262094	32.32	ng	100
52) Acenaphthene	14.663	154	1040255	38.56	ng	100
53) 3-Nitroaniline	14.492	138	286842	34.49	ng	100
54) 2,4-Dinitrophenol	14.698	184	83270	18.33	ng	100
55) Dibenzofuran	14.998	168	1660529	35.46	ng	100
56) 4-Nitrophenol	14.792	139	231417	35.48	ng	100
57) 2,4-Dinitrotoluene	14.951	165	334996	30.20	ng	100
58) Fluorene	15.651	166	1205074	33.25	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	343665m	30.90	ng	
60) Diethylphthalate	15.427	149	1398687	36.13	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	630653	31.23	ng	100
62) 4-Nitroaniline	15.657	138	269158	30.24	ng	100
63) Azobenzene	15.939	77	1329746	41.96	ng	100
65) 4,6-Dinitro-2-methylph...	15.716	198	163263	22.29	ng	100
66) n-Nitrosodiphenylamine	15.857	169	1144070	33.93	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	408100	29.73	ng	100
68) Hexachlorobenzene	16.657	284	449977	29.88	ng	100
69) Atrazine	16.810	200	424067	34.18	ng	100
70) Pentachlorophenol	16.998	266	272572	32.88	ng	100
71) Phenanthrene	17.392	178	2068143	36.83	ng	100
72) Anthracene	17.486	178	2052164	34.58	ng	100
73) Carbazole	17.751	167	2053633	35.52	ng	100
74) Di-n-butylphthalate	18.315	149	2426912	36.17	ng	100
75) Fluoranthene	19.357	202	2493001	34.42	ng	100
77) Benzidine	19.527	184	1199205	40.52	ng	100
78) Pyrene	19.709	202	2564059	36.51	ng	100
80) Butylbenzylphthalate	20.592	149	1077856	39.73	ng	100
81) Benzo(a)anthracene	21.421	228	2549954	38.70	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	865922	36.52	ng	100
83) Chrysene	21.474	228	2389062	38.53	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	1574446	41.70	ng	100
85) Di-n-octyl phthalate	22.315	149	2769055	43.01	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	3078892	39.15	ng	100
88) Benzo(b)fluoranthene	23.145	252	2571431	34.37	ng	100
89) Benzo(k)fluoranthene	23.192	252	2489072	33.61	ng	100
90) Benzo(a)pyrene	23.780	252	2204884	37.95	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	2541576	38.60	ng	100
92) Benzo(g,h,i)perylene	27.250	276	2570362	41.73	ng	100

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

