

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006069.D
 Acq On : 28 Jun 2021 10:21
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

Quant Time: Jun 28 11:35:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	69488	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	263369	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	161232	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	333416	20.000	ng	0.00
76) Chrysene-d12	21.357	240	380889	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	435790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	377399	87.150	ng	0.00
7) Phenol-d6	7.081	99	512923	91.383	ng	0.00
23) Nitrobenzene-d5	9.075	82	462776	86.147	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	251601	90.934	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1063737	86.635	ng	0.00
79) Terphenyl-d14	19.833	244	1818527	89.401	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	81355	41.583	ng	98
3) Pyridine	3.764	79	203994	44.364	ng	99
4) n-Nitrosodimethylamine	3.669	42	77143	36.092	ng	80
6) Aniline	7.234	93	278053	44.372	ng	98
8) 2-Chlorophenol	7.469	128	219970	44.303	ng	100
9) Benzaldehyde	7.046	77	119655	50.006	ng	98
10) Phenol	7.110	94	253261	45.168	ng	98
11) bis(2-Chloroethyl)ether	7.328	93	191518	45.074	ng	99
12) 1,3-Dichlorobenzene	7.793	146	239552	43.147	ng	98
13) 1,4-Dichlorobenzene	7.940	146	242352	42.804	ng	99
14) 1,2-Dichlorobenzene	8.257	146	231171	42.714	ng	97
15) Benzyl Alcohol	8.157	79	181290	42.881	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	167434	42.629	ng	96
17) 2-Methylphenol	8.363	107	174349	45.636	ng	97
18) Hexachloroethane	8.981	117	86967	42.464	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	153021	44.315	ng	96
20) 3+4-Methylphenols	8.693	107	237113	45.947	ng	95
22) Acetophenone	8.734	105	310026	44.723	ng	98
24) Nitrobenzene	9.116	77	233396	41.840	ng	99
25) Isophorone	9.646	82	419536	42.290	ng	99
26) 2-Nitrophenol	9.828	139	115674	43.461	ng	94
27) 2,4-Dimethylphenol	9.893	122	171620	43.282	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	225895	43.630	ng	99
29) 2,4-Dichlorophenol	10.369	162	201589	42.305	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	219246	40.948	ng	99
31) Naphthalene	10.757	128	653686	42.897	ng	99
32) Benzoic acid	10.081	122	124882	42.821	ng	96
33) 4-Chloroaniline	10.875	127	264790	43.013	ng	98
34) Hexachlorobutadiene	11.040	225	146428	40.432	ng	98
35) Caprolactam	11.687	113	65247	47.537	ng	95
36) 4-Chloro-3-methylphenol	12.010	107	213142	44.052	ng	97
37) 2-Methylnaphthalene	12.369	142	457450	42.163	ng	98
38) 1-Methylnaphthalene	12.587	142	434417	42.509	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	243299	42.870	ng	98
41) Hexachlorocyclopentadiene	12.710	237	91390	35.349	ng	97
43) 2,4,6-Trichlorophenol	12.981	196	160645	41.268	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	170331	40.630	ng	97
46) 1,1'-Biphenyl	13.375	154	572350	44.027	ng	99
47) 2-Chloronaphthalene	13.416	162	449389	42.334	ng	99
48) 2-Nitroaniline	13.628	65	121182	43.417	ng	96
49) Acenaphthylene	14.257	152	703507	43.197	ng	99
50) Dimethylphthalate	13.998	163	569478	42.958	ng	100
51) 2,6-Dinitrotoluene	14.122	165	131849	43.759	ng	96
52) Acenaphthene	14.598	154	424883	42.960	ng	99
53) 3-Nitroaniline	14.457	138	128636	44.049	ng	99
54) 2,4-Dinitrophenol	14.675	184	81983	47.825	ng	98
55) Dibenzofuran	14.934	168	690316	42.443	ng	99
56) 4-Nitrophenol	14.781	139	91343	38.589	ng	95
57) 2,4-Dinitrotoluene	14.916	165	179762	44.606	ng	99
58) Fluorene	15.581	166	553288	43.660	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	153242m	41.475	ng	
60) Diethylphthalate	15.357	149	578785	43.516	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	280526	42.689	ng	100
62) 4-Nitroaniline	15.622	138	134362	44.701	ng	90
63) Azobenzene	15.869	77	521993	43.380	ng	95
65) 4,6-Dinitro-2-methylph...	15.681	198	109549	44.711	ng	97
66) n-Nitrosodiphenylamine	15.792	169	483485	43.728	ng	98
67) 4-Bromophenyl-phenylether	16.469	248	185729	43.400	ng	98
68) Hexachlorobenzene	16.592	284	220195	42.927	ng	95
69) Atrazine	16.745	200	144281	41.943	ng	98
70) Pentachlorophenol	16.945	266	114413	40.114	ng	99
71) Phenanthrene	17.328	178	867686	43.334	ng	99
72) Anthracene	17.416	178	864007	43.844	ng	100
73) Carbazole	17.692	167	840725	44.436	ng	100
74) Di-n-butylphthalate	18.233	149	1007168	45.946	ng	99
75) Fluoranthene	19.286	202	1076411	44.267	ng	98
77) Benzidine	19.469	184	345265	43.564	ng	99
78) Pyrene	19.639	202	1114932	41.930	ng	99
80) Butylbenzylphthalate	20.504	149	493960	45.153	ng	96
81) Benzo(a)anthracene	21.339	228	1165622	42.395	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	406388	42.752	ng	99
83) Chrysene	21.392	228	1152690	43.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.257	149	724770	45.174	ng	100
85) Di-n-octyl phthalate	22.174	149	1296061	45.156	ng	99
87) Indeno(1,2,3-cd)pyrene	26.292	276	1576601	42.306	ng	99
88) Benzo(b)fluoranthene	23.021	252	1282757	42.977	ng	99
89) Benzo(k)fluoranthene	23.068	252	1286909	44.464	ng	99
90) Benzo(a)pyrene	23.651	252	1209890	43.116	ng	# 97
91) Dibenzo(a,h)anthracene	26.298	278	1359872	42.396	ng	98
92) Benzo(g,h,i)perylene	27.062	276	1323581	41.772	ng	98

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

