

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
 Data File : BP003353.D
 Acq On : 23 Sep 2020 12:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 13:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	115963	20.00	ng	-0.05
21) Naphthalene-d8	10.340	136	444317	20.00	ng	#-0.06
39) Acenaphthene-d10	14.216	164	280236	20.00	ng	-0.05
64) Phenanthrene-d10	16.969	188	610940	20.00	ng	-0.05
76) Chrysene-d12	21.069	240	634938	20.00	ng	-0.04
86) Perylene-d12	23.257	264	705078	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	533913	80.40	ng	-0.05
7) Phenol-d6	6.763	99	725972	82.01	ng	-0.05
23) Nitrobenzene-d5	8.710	82	610243	80.69	ng	-0.06
42) 2,4,6-Tribromophenol	15.716	330	311702	72.93	ng	-0.05
45) 2-Fluorobiphenyl	12.834	172	1457738	76.08	ng	-0.05
79) Terphenyl-d14	19.551	244	2351127	77.15	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	108675	39.82	ng	99
3) Pyridine	3.481	79	300251	41.32	ng	92
4) n-Nitrosodimethylamine	3.399	42	85467	39.32	ng	99
6) Aniline	6.893	93	409662	40.30	ng	95
8) 2-Chlorophenol	7.134	128	286061	38.67	ng	92
9) Benzaldehyde	6.711	77	187944	38.07	ng	89
10) Phenol	6.787	94	344176	40.71	ng	93
11) bis(2-Chloroethyl)ether	6.999	93	271577	40.53	ng	98
12) 1,3-Dichlorobenzene	7.458	146	341250	38.59	ng	# 95
13) 1,4-Dichlorobenzene	7.599	146	344836	38.55	ng	97
14) 1,2-Dichlorobenzene	7.916	146	326731	38.05	ng	96
15) Benzyl Alcohol	7.810	79	242678	41.25	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.105	45	212163	43.55	ng	91
17) 2-Methylphenol	8.022	107	242584	39.68	ng	96
18) Hexachloroethane	8.634	117	128557	38.57	ng	97
19) n-Nitroso-di-n-propyla...	8.369	70	191333	40.34	ng	95
20) 3+4-Methylphenols	8.352	107	325536	40.01	ng	96
22) Acetophenone	8.381	105	424925	38.94	ng	# 96
24) Nitrobenzene	8.757	77	305351	40.35	ng	88
25) Isophorone	9.281	82	555342	40.07	ng	94
26) 2-Nitrophenol	9.463	139	157983	38.22	ng	# 85
27) 2,4-Dimethylphenol	9.546	122	226198	38.70	ng	94
28) bis(2-Chloroethoxy)met...	9.763	93	371582	40.28	ng	97
29) 2,4-Dichlorophenol	10.010	162	274903	37.64	ng	96
30) 1,2,4-Trichlorobenzene	10.210	180	322024	37.16	ng	100
31) Naphthalene	10.393	128	892268	38.02	ng	100
32) Benzoic acid	9.722	122	130277	34.36	ng	88
33) 4-Chloroaniline	10.504	127	388357	38.95	ng	# 95
34) Hexachlorobutadiene	10.687	225	212243	35.88	ng	99
35) Caprolactam	11.275	113	93707	38.44	ng	90
36) 4-Chloro-3-methylphenol	11.663	107	296009	37.59	ng	91
37) 2-Methylnaphthalene	12.016	142	634767	37.33	ng	98
38) 1-Methylnaphthalene	12.234	142	603217	37.37	ng	99
40) 1,2,4,5-Tetrachloroben...	12.398	216	342768	37.36	ng	99
41) Hexachlorocyclopentadiene	12.375	237	73489	33.93	ng	100
43) 2,4,6-Trichlorophenol	12.646	196	225834	38.07	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	233173	38.21	ng	# 95
46) 1,1'-Biphenyl	13.040	154	810291	38.77	ng	98
47) 2-Chloronaphthalene	13.081	162	663884	38.36	ng	97
48) 2-Nitroaniline	13.293	65	181337	41.40	ng	# 80
49) Acenaphthylene	13.934	152	1015417	38.40	ng	99
50) Dimethylphthalate	13.681	163	845065	37.76	ng	100
51) 2,6-Dinitrotoluene	13.798	165	182969	38.15	ng	# 86
52) Acenaphthene	14.281	154	611047	37.97	ng	99
53) 3-Nitroaniline	14.122	138	204521	39.35	ng	# 78
54) 2,4-Dinitrophenol	14.351	184	70657	35.56	ng	# 93
55) Dibenzofuran	14.616	168	968080	37.69	ng	98
56) 4-Nitrophenol	14.475	139	121721	38.32	ng	# 78
57) 2,4-Dinitrotoluene	14.598	165	252910	38.02	ng	# 80
58) Fluorene	15.269	166	760845	37.50	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	216434	37.72	ng	98
60) Diethylphthalate	15.051	149	857892	37.59	ng	100
61) 4-Chlorophenyl-phenyle...	15.269	204	405605	36.62	ng	99
62) 4-Nitroaniline	15.292	138	219254	39.75	ng	82
63) Azobenzene	15.563	77	690682	39.70	ng	93
65) 4,6-Dinitro-2-methylph...	15.375	198	124819	38.72	ng	100
66) n-Nitrosodiphenylamine	15.487	169	683427	38.08	ng	100
67) 4-Bromophenyl-phenylether	16.163	248	275629	37.33	ng	98
68) Hexachlorobenzene	16.287	284	321133	36.60	ng	96
69) Atrazine	16.445	200	256408	36.43	ng	100
70) Pentachlorophenol	16.639	266	113399	34.33	ng	93
71) Phenanthrene	17.010	178	1254763	37.75	ng	99
72) Anthracene	17.104	178	1219822	37.24	ng	100
73) Carbazole	17.375	167	1164237	37.42	ng	99
74) Di-n-butylphthalate	17.945	149	1463094	36.78	ng	# 99
75) Fluoranthene	18.992	202	1527787	36.55	ng	99
77) Benzidine	19.175	184	773638	39.29	ng	99
78) Pyrene	19.345	202	1550408	39.15	ng	100
80) Butylbenzylphthalate	20.227	149	701697	38.73	ng	90
81) Benzo(a)anthracene	21.051	228	1564468	38.12	ng	100
82) 3,3'-Dichlorobenzidine	20.986	252	613278	38.66	ng	99
83) Chrysene	21.104	228	1496284	37.94	ng	100
84) Bis(2-ethylhexyl)phtha...	20.992	149	970666	38.06	ng	99
85) Di-n-octyl phthalate	21.851	149	1732255	37.17	ng	98
87) Indeno(1,2,3-cd)pyrene	25.492	276	2035053	38.08	ng	97
88) Benzo(b)fluoranthene	22.598	252	1668969	37.48	ng	99
89) Benzo(k)fluoranthene	22.645	252	1635754	38.33	ng	99
90) Benzo(a)pyrene	23.163	252	1580181	37.64	ng	99
91) Dibenzo(a,h)anthracene	25.498	278	1672365	37.92	ng	98
92) Benzo(g,h,i)perylene	26.162	276	1670849	37.95	ng	97

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

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