

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
 Data File : BP003473.D
 Acq On : 03 Oct 2020 01:10
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:28:27 AM

Quant Time: Oct 05 06:38:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 02 11:17:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	134600	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	526137	20.00	ng	# 0.00
39) Acenaphthene-d10	14.186	164	323485	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	696060	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	726811	20.00	ng	0.00
86) Perylene-d12	23.233	264	775271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	632072	82.00	ng	0.00
7) Phenol-d6	6.734	99	868523	84.53	ng	0.00
23) Nitrobenzene-d5	8.681	82	773307	86.35	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	322899	65.45	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1546374	69.91	ng	0.00
79) Terphenyl-d14	19.527	244	2430109	69.66	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	132852	41.94	ng	100
3) Pyridine	3.428	79	378657	44.89	ng	93
4) n-Nitrosodimethylamine	3.352	42	112778	44.70	ng	96
6) Aniline	6.857	93	503627	42.69	ng	93
8) 2-Chlorophenol	7.099	128	333545	38.85	ng	89
9) Benzaldehyde	6.669	77	234060	40.85	ng	85
10) Phenol	6.757	94	420775	42.87	ng	89
11) bis(2-Chloroethyl)ether	6.963	93	333583	42.89	ng	96
12) 1,3-Dichlorobenzene	7.416	146	388454	37.85	ng	# 95
13) 1,4-Dichlorobenzene	7.557	146	392387	37.79	ng	# 95
14) 1,2-Dichlorobenzene	7.875	146	367469	36.87	ng	96
15) Benzyl Alcohol	7.775	79	306547	44.90	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.057	45	264647	46.80	ng	93
17) 2-Methylphenol	7.993	107	292154	41.17	ng	# 93
18) Hexachloroethane	8.593	117	150975	39.02	ng	94
19) n-Nitroso-di-n-propyla...	8.334	70	215135	39.08	ng	# 94
20) 3+4-Methylphenols	8.328	107	370414	39.22	ng	# 87
22) Acetophenone	8.346	105	450921	34.90	ng	# 92
24) Nitrobenzene	8.722	77	394587	44.03	ng	# 84
25) Isophorone	9.246	82	707440	43.10	ng	# 91
26) 2-Nitrophenol	9.434	139	190633	38.95	ng	# 79
27) 2,4-Dimethylphenol	9.516	122	269418	38.92	ng	90
28) bis(2-Chloroethoxy)met...	9.728	93	452987	41.46	ng	98
29) 2,4-Dichlorophenol	9.981	162	319802	36.98	ng	93
30) 1,2,4-Trichlorobenzene	10.175	180	366451	35.71	ng	97
31) Naphthalene	10.351	128	1054983	37.96	ng	100
32) Benzoic acid	9.740	122	142857	32.50	ng	# 77
33) 4-Chloroaniline	10.475	127	458140	38.80	ng	# 92
34) Hexachlorobutadiene	10.646	225	240756	34.37	ng	99
35) Caprolactam	11.263	113	111414	38.60	ng	85
36) 4-Chloro-3-methylphenol	11.640	107	368775	39.55	ng	85
37) 2-Methylnaphthalene	11.981	142	741046	36.80	ng	# 96
38) 1-Methylnaphthalene	12.204	142	700530m	36.64	ng	
40) 1,2,4,5-Tetrachloroben...	12.363	216	388186	36.65	ng	99
41) Hexachlorocyclopentadiene	12.340	237	99727	37.81	ng	98
43) 2,4,6-Trichlorophenol	12.622	196	247698	36.17	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.710	196	256149	36.36	ng	#	94
46) 1,1'-Biphenyl	13.010	154	924735	38.33	ng		98
47) 2-Chloronaphthalene	13.051	162	758851	37.98	ng		96
48) 2-Nitroaniline	13.269	65	241928	47.85	ng	#	71
49) Acenaphthylene	13.904	152	1156804	37.90	ng		99
50) Dimethylphthalate	13.651	163	972896	37.66	ng		100
51) 2,6-Dinitrotoluene	13.775	165	209048	37.76	ng	#	74
52) Acenaphthene	14.251	154	697783	37.56	ng		99
53) 3-Nitroaniline	14.110	138	242190	40.36	ng	#	76
54) 2,4-Dinitrophenol	14.345	184	93875	39.83	ng	#	85
55) Dibenzofuran	14.586	168	1061042	35.78	ng		93
56) 4-Nitrophenol	14.475	139	175109	47.75	ng	#	65
57) 2,4-Dinitrotoluene	14.581	165	283092	36.87	ng	#	54
58) Fluorene	15.245	166	798232	34.08	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.834	232	227779	34.39	ng		93
60) Diethylphthalate	15.028	149	986240	37.43	ng		99
61) 4-Chlorophenyl-phenyle...	15.239	204	427740	33.46	ng		97
62) 4-Nitroaniline	15.286	138	244806	38.45	ng	#	70
63) Azobenzene	15.533	77	887327	44.18	ng		90
65) 4,6-Dinitro-2-methylph...	15.363	198	118010	32.13	ng		90
66) n-Nitrosodiphenylamine	15.457	169	770365	37.68	ng		100
67) 4-Bromophenyl-phenylether	16.133	248	304651	36.21	ng		93
68) Hexachlorobenzene	16.263	284	349666	34.98	ng		94
69) Atrazine	16.422	200	289176	36.06	ng		98
70) Pentachlorophenol	16.616	266	221460	54.02	ng		99
71) Phenanthrene	16.986	178	1404849	37.10	ng		99
72) Anthracene	17.075	178	1392917	37.32	ng		100
73) Carbazole	17.357	167	1329248	37.50	ng		99
74) Di-n-butylphthalate	17.922	149	1711821	37.77	ng	#	99
75) Fluoranthene	18.974	202	1725278	36.23	ng		99
77) Benzidine	19.157	184	874029	38.78	ng		100
78) Pyrene	19.327	202	1761811	38.87	ng		100
80) Butylbenzylphthalate	20.204	149	852298	41.10	ng	#	85
81) Benzo(a)anthracene	21.033	228	1774143	37.76	ng		100
82) 3,3'-Dichlorobenzidine	20.968	252	643235	35.42	ng		99
83) Chrysene	21.086	228	1683411	37.29	ng		100
84) Bis(2-ethylhexyl)phtha...	20.968	149	1038666	35.58	ng		100
85) Di-n-octyl phthalate	21.821	149	2117070	39.68	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.462	276	1946049	33.12	ng		99
88) Benzo(b)fluoranthene	22.580	252	1956429	39.96	ng		100
89) Benzo(k)fluoranthene	22.627	252	1756100	37.43	ng		99
90) Benzo(a)pyrene	23.145	252	1747546	37.85	ng		99
91) Dibenzo(a,h)anthracene	25.462	278	1619777	33.40	ng		99
92) Benzo(g,h,i)perylene	26.139	276	1561248	32.25	ng		98

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

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Abundance

TIC: BP003473.D\data.ms

Time-->

6000000

5800000

5600000

5400000

5200000

5000000

4800000

4600000

4400000

4200000

4000000

3800000

3600000

3400000

3200000

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

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800000

600000

400000

200000

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3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

1,4-Dioxane

n-Nitrosodimethylamine,

Pyridine

2-Fluorophenol,S

Phenol-d6,S

Benzaldehyde

Aniline

bis(2-Chloroethyl)ether

2-Chlorophenol

1,3-Dichlorobenzene

1,4-Dichlorobenzene

Benzyl Alcohol

2,4-Dichlorobenzene

2,2'-oxybis(1-Chloropropanol)

3+4-Methylphenol

Hexachloroethane

Nitrobenzene

Isophorone

2-Nitrophenol

2,4-Dichlorophenol

Benzodis(2-chloroethoxy)methane

2,4-Dichlorophenol,C

1,2,4-Trichlorobenzene

Naphthalene-d8,I

Naphthalene

4-Chloroaniline

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2-Methylnaphthalene

1-Methylnaphthalene

2,4,5-Tetrachlorobenzene

2,4,6-Trichlorophenol,C

2,4,5-Trichlorophenol

2-Fluorobiphenyl,S

2-Chlorobiphenyl

2-Nitroaniline

Dimethylphthalate

2,6-Dinitrotoluene

Acenaphthylene

3-Nitrophenol

Acenaphthene-d10,I

Acenaphthene

2,4-Dinitrophenol,P

4-Nitrophenol,P

2,3,4,6-Tetrachlorophenol

Diethylphthalate

4-Nitroaniline

4,6-Dinitro-2-methylphenol

Azobenzene

n-Nitrosodiphenylamine,c

2,4,6-Tribromophenol,S

4-Bromophenyl-phenylether

Hexachlorobenzene

Fluorene

4-Chlorophenyl-phenylether

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