

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
 Data File : BP010980.D
 Acq On : 15 Jul 2022 11:39
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

Quant Time: Jul 15 13:14:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 13:10:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	439424	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	1714689	20.000	ng	# 0.00
39) Acenaphthene-d10	14.351	164	963203	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	1953318	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1807373	20.000	ng	# 0.00
86) Perylene-d12	23.598	264	1937632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	2720651	106.857	ng	0.00
7) Phenol-d6	6.869	99	3531783	101.430	ng	0.00
23) Nitrobenzene-d5	8.852	82	3095021	85.002	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	1000581	76.284	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	6154431	91.918	ng	0.00
79) Terphenyl-d14	19.710	244	8472756	87.658	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	596656	58.302	ng	# 84
3) Pyridine	3.611	79	1656181m	57.235	ng	
4) n-Nitrosodimethylamine	3.522	42	691115	42.802	ng	# 59
6) Aniline	7.022	93	2060315	50.612	ng	91
8) 2-Chlorophenol	7.252	128	1445138	52.275	ng	93
9) Benzaldehyde	6.834	77	824575	39.190	ng	91
10) Phenol	6.893	94	1801821	50.156	ng	85
11) bis(2-Chloroethyl)ether	7.122	93	1390813	50.383	ng	92
12) 1,3-Dichlorobenzene	7.575	146	1547707m	48.907	ng	
13) 1,4-Dichlorobenzene	7.722	146	1579895	48.787	ng	98
14) 1,2-Dichlorobenzene	8.034	146	1469111	47.126	ng	99
15) Benzyl Alcohol	7.934	79	1204718	43.616	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.228	45	1915532	41.280	ng	94
17) 2-Methylphenol	8.140	107	1189844	49.051	ng	# 93
18) Hexachloroethane	8.757	117	577371	45.945	ng	91
19) n-Nitroso-di-n-propyla...	8.505	70	1045220	42.564	ng	# 87
20) 3+4-Methylphenols	8.469	107	1647121	49.469	ng	94
22) Acetophenone	8.516	105	2067666	45.246	ng	# 88
24) Nitrobenzene	8.893	77	1577509	42.912	ng	# 89
25) Isophorone	9.422	82	2778651	44.592	ng	95
26) 2-Nitrophenol	9.599	139	731107	48.391	ng	# 83
27) 2,4-Dimethylphenol	9.669	122	1111853	50.201	ng	92
28) bis(2-Chloroethoxy)met...	9.910	93	1637680	48.798	ng	98
29) 2,4-Dichlorophenol	10.134	162	1208796	46.339	ng	98
30) 1,2,4-Trichlorobenzene	10.346	180	1272527	42.206	ng	97
31) Naphthalene	10.534	128	4491767	49.090	ng	100
32) Benzoic acid	9.822	122	974631	59.943	ng	89
33) 4-Chloroaniline	10.652	127	1825359	50.789	ng	93
34) Hexachlorobutadiene	10.816	225	709022	34.659	ng	98
35) Caprolactam	11.469	113	443055	49.864	ng	# 72
36) 4-Chloro-3-methylphenol	11.787	107	1393802	44.759	ng	94
37) 2-Methylnaphthalene	12.151	142	2983658	46.766	ng	97
38) 1-Methylnaphthalene	12.375	142	2909869	46.353	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	1262343	42.601	ng	97
41) Hexachlorocyclopentadiene	12.504	237	702562	57.320	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	920232	47.866	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	1007843	47.131	ng	97
46) 1,1'-Biphenyl	13.181	154	3601109	50.694	ng	99
47) 2-Chloronaphthalene	13.216	162	2742466	49.340	ng	98
48) 2-Nitroaniline	13.434	65	948581	46.049	ng	85
49) Acenaphthylene	14.069	152	4522113	51.318	ng	99
50) Dimethylphthalate	13.822	163	3518016	48.045	ng	99
51) 2,6-Dinitrotoluene	13.934	165	762280	48.842	ng	92
52) Acenaphthene	14.416	154	2695924	50.453	ng	97
53) 3-Nitroaniline	14.269	138	904761	56.644	ng	91
54) 2,4-Dinitrophenol	14.469	184	408913	46.786	ng	93
55) Dibenzofuran	14.751	168	4112412	47.873	ng	100
56) 4-Nitrophenol	14.581	139	764182	63.928	ng	# 76
57) 2,4-Dinitrotoluene	14.728	165	1037438	47.762	ng	# 88
58) Fluorene	15.404	166	3352699	46.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	837592	43.014	ng	92
60) Diethylphthalate	15.198	149	3634158	48.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	1486244	40.906	ng	96
62) 4-Nitroaniline	15.439	138	944983	57.655	ng	# 82
63) Azobenzene	15.704	77	3581755	47.631	ng	93
65) 4,6-Dinitro-2-methylph...	15.492	198	544218	44.400	ng	89
66) n-Nitrosodiphenylamine	15.628	169	2909485	51.004	ng	98
67) 4-Bromophenyl-phenylether	16.310	248	916809	43.118	ng	99
68) Hexachlorobenzene	16.410	284	1037191	42.182	ng	96
69) Atrazine	16.592	200	871306	42.948	ng	96
70) Pentachlorophenol	16.763	266	680045	50.752	ng	99
71) Phenanthrene	17.163	178	5266971	49.040	ng	99
72) Anthracene	17.251	178	5128196	49.382	ng	99
73) Carbazole	17.533	167	4953069	53.438	ng	98
74) Di-n-butylphthalate	18.098	149	6449548	53.054	ng	99
75) Fluoranthene	19.145	202	5981647	47.062	ng	94
77) Benzidine	19.339	184	1560434	44.182	ng	98
78) Pyrene	19.504	202	6151553	50.449	ng	99
80) Butylbenzylphthalate	20.398	149	3024862	57.870	ng	94
81) Benzo(a)anthracene	21.222	228	5927281	49.327	ng	97
82) 3,3'-Dichlorobenzidine	21.163	252	1766458	50.369	ng	# 98
83) Chrysene	21.280	228	5620722	48.986	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	4273279	57.565	ng	# 99
85) Di-n-octyl phthalate	22.080	149	7411407	59.413	ng	94
87) Indeno(1,2,3-cd)pyrene	26.045	276	7170920	50.861	ng	# 90
88) Benzo(b)fluoranthene	22.880	252	5923182	48.989	ng	# 96
89) Benzo(k)fluoranthene	22.927	252	5916305	48.010	ng	# 95
90) Benzo(a)pyrene	23.492	252	5032500	49.718	ng	# 94
91) Dibenzo(a,h)anthracene	26.074	278	5961415	50.552	ng	# 95
92) Benzo(g,h,i)perylene	26.804	276	5934700	50.773	ng	# 91

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

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