

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005597.D
 Acq On : 18 May 2021 13:20
 Operator : CG/JU
 Sample : M2435-16MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COTTAGE-BMS

Manual Integrations
 APPROVED

mohammad
 5/19/2021 11:39:41 AM

Quant Time: May 18 15:47:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	10083	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	34077	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	28325	20.00	ng	# 0.00
64) Phenanthrene-d10	17.069	188	72304	20.00	ng	# 0.00
76) Chrysene-d12	21.175	240	104591	20.00	ng	# 0.00
86) Perylene-d12	23.469	264	120840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	61849	117.72	ng	0.00
7) Phenol-d6	6.864	99	72311	110.37	ng	0.00
23) Nitrobenzene-d5	8.828	82	64130	74.07	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	83510	103.90	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	180183	71.76	ng	0.00
79) Terphenyl-d14	19.645	244	426195	69.20	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	7911	38.45	ng	# 89
3) Pyridine	3.552	79	18630	40.05	ng	# 77
4) n-Nitrosodimethylamine	3.470	42	17500	46.78	ng	# 6
6) Aniline	6.999	93	17898	25.31	ng	# 78
8) 2-Chlorophenol	7.234	128	26279	46.57	ng	95
9) Benzaldehyde	6.817	77	21951	68.27	ng	# 77
10) Phenol	6.887	94	31417	47.95	ng	# 44
11) bis(2-Chloroethyl)ether	7.099	93	19484	43.05	ng	98
12) 1,3-Dichlorobenzene	7.546	146	33542	44.68	ng	# 86
13) 1,4-Dichlorobenzene	7.699	146	33508	44.78	ng	98
14) 1,2-Dichlorobenzene	8.011	146	31416	43.80	ng	92
15) Benzyl Alcohol	7.922	79	29022	45.92	ng	# 72
16) 2,2'-oxybis(1-Chloropr...	8.187	45	9919	44.39	ng	71
17) 2-Methylphenol	8.134	107	21015	46.70	ng	# 79
18) Hexachloroethane	8.722	117	14835	47.86	ng	# 81
19) n-Nitroso-di-n-propyla...	8.481	70	22341	46.57	ng	# 88
20) 3+4-Methylphenols	8.464	107	28251	47.22	ng	90
22) Acetophenone	8.499	105	42138	43.83	ng	# 85
24) Nitrobenzene	8.875	77	36692	42.25	ng	# 90
25) Isophorone	9.399	82	53704	40.06	ng	# 92
26) 2-Nitrophenol	9.581	139	15654	43.05	ng	# 73
27) 2,4-Dimethylphenol	9.658	122	23659	49.15	ng	# 78
28) bis(2-Chloroethoxy)met...	9.881	93	26021	46.36	ng	98
29) 2,4-Dichlorophenol	10.128	162	32287	42.71	ng	96
30) 1,2,4-Trichlorobenzene	10.316	180	42576	44.09	ng	97
31) Naphthalene	10.499	128	79219	43.23	ng	# 97
32) Benzoic acid	9.863	122	14324	38.52	ng	# 75
33) 4-Chloroaniline	10.652	127	8490	11.90	ng	94
34) Hexachlorobutadiene	10.775	225	37339	46.37	ng	98
35) Caprolactam	11.446	113	6986m	40.17	ng	
36) 4-Chloro-3-methylphenol	11.787	107	29183	43.31	ng	97
37) 2-Methylnaphthalene	12.122	142	64835	44.11	ng	94
38) 1-Methylnaphthalene	12.340	142	59706	43.03	ng	96
40) 1,2,4,5-Tetrachloroben...	12.499	216	58989	45.33	ng	96
41) Hexachlorocyclopentadiene	12.463	237	46810	85.01	ng	96
43) 2,4,6-Trichlorophenol	12.757	196	35184	43.27	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	36404	41.49	ng	96
46) 1,1'-Biphenyl	13.146	154	94766	43.45	ng	98
47) 2-Chloronaphthalene	13.187	162	79065	43.54	ng	96
48) 2-Nitroaniline	13.416	65	23043	44.67	ng	98
49) Acenaphthylene	14.034	152	113262	43.29	ng	97
50) Dimethylphthalate	13.787	163	125797	51.45	ng	97
51) 2,6-Dinitrotoluene	13.916	165	21638	39.41	ng	96
52) Acenaphthene	14.375	154	69031	42.41	ng	96
53) 3-Nitroaniline	14.251	138	6957	17.68	ng	# 98
54) 2,4-Dinitrophenol	14.475	184	26911	81.25	ng	# 70
55) Dibenzofuran	14.716	168	129395	42.26	ng	97
56) 4-Nitrophenol	14.598	139	22805	76.80	ng	# 64
57) 2,4-Dinitrotoluene	14.716	165	33855	41.82	ng	# 83
58) Fluorene	15.369	166	108725	43.49	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.957	232	36324	41.40	ng	# 95
60) Diethylphthalate	15.151	149	104230	44.01	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	72394	46.28	ng	96
62) 4-Nitroaniline	15.422	138	14661	38.79	ng	# 73
63) Azobenzene	15.657	77	109331	44.79	ng	87
65) 4,6-Dinitro-2-methylph...	15.487	198	20893	36.46	ng	95
66) n-Nitrosodiphenylamine	15.587	169	92649	43.90	ng	# 92
67) 4-Bromophenyl-phenylether	16.263	248	51273	45.43	ng	94
68) Hexachlorobenzene	16.375	284	64434	45.02	ng	97
69) Atrazine	16.551	200	45101	45.75	ng	99
70) Pentachlorophenol	16.734	266	64300	84.67	ng	94
71) Phenanthrene	17.116	178	179513	43.69	ng	98
72) Anthracene	17.204	178	184254	45.19	ng	98
73) Carbazole	17.492	167	148138	41.25	ng	98
74) Di-n-butylphthalate	18.039	149	178197	45.21	ng	# 96
75) Fluoranthene	19.092	202	248716	44.01	ng	97
77) Benzidine	19.292	184	120214	74.25	ng	99
78) Pyrene	19.445	202	257816	43.54	ng	100
80) Butylbenzylphthalate	20.328	149	83225	43.50	ng	94
81) Benzo(a)anthracene	21.157	228	293833	43.35	ng	99
82) 3,3'-Dichlorobenzidine	21.098	252	91580	35.86	ng	97
83) Chrysene	21.210	228	293052	44.61	ng	98
84) Bis(2-ethylhexyl)phtha...	21.086	149	129785	44.37	ng	# 96
85) Di-n-octyl phthalate	21.969	149	224742	45.74	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.857	276	444473	43.72	ng	# 96
88) Benzo(b)fluoranthene	22.775	252	348327	43.26	ng	# 96
89) Benzo(k)fluoranthene	22.822	252	345945	43.94	ng	# 99
90) Benzo(a)pyrene	23.369	252	339445	45.99	ng	# 98
91) Dibenzo(a,h)anthracene	25.863	278	384308	42.84	ng	# 99
92) Benzo(g,h,i)perylene	26.586	276	362725	43.70	ng	# 93

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

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