

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
 Data File : BM030349.D
 Acq On : 09 Jun 2021 19:21
 Operator : CG/JU
 Sample : M2612-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(78-82)MS

Manual Integrations
 APPROVED

mohammad
 6/11/2021 1:28:02 PM

Quant Time: Jun 10 02:27:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 08 20:51:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	242334	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1031751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	701109	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1483457	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1336512	20.000	ng	# 0.00
86) Perylene-d12	23.650	264	1190952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	885232	59.384	ng	0.00
7) Phenol-d6	7.016	99	1262280	58.494	ng	0.00
23) Nitrobenzene-d5	9.004	82	734093	34.663	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	573220	65.029	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1972643	37.001	ng	0.00
79) Terphenyl-d14	19.815	244	3479685	45.730	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	218956	33.977	ng	# 88
3) Pyridine	3.752	79	516072	31.372	ng	# 85
4) n-Nitrosodimethylamine	3.657	42	327863	39.261	ng	# 84
6) Aniline	7.181	93	1105407	44.888	ng	97
8) 2-Chlorophenol	7.416	128	794377	45.403	ng	98
9) Benzaldehyde	6.992	77	528776	58.666	ng	92
10) Phenol	7.040	94	1026503	47.087	ng	92
11) bis(2-Chloroethyl)ether	7.275	93	767144	44.662	ng	96
12) 1,3-Dichlorobenzene	7.739	146	796530	41.322	ng	98
13) 1,4-Dichlorobenzene	7.887	146	822626	41.877	ng	99
14) 1,2-Dichlorobenzene	8.204	146	793865	41.544	ng	99
15) Benzyl Alcohol	8.087	79	623684	41.183	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1151796	41.673	ng	90
17) 2-Methylphenol	8.287	107	677354	47.947	ng	93
18) Hexachloroethane	8.928	117	302777	42.885	ng	95
19) n-Nitroso-di-n-propyla...	8.657	70	611005	42.645	ng	99
20) 3+4-Methylphenols	8.616	107	919828	47.856	ng	97
22) Acetophenone	8.669	105	1173065	42.554	ng	98
24) Nitrobenzene	9.045	77	864642	39.138	ng	98
25) Isophorone	9.575	82	1598965	39.393	ng	99
26) 2-Nitrophenol	9.757	139	405833	42.362	ng	98
27) 2,4-Dimethylphenol	9.816	122	773807	49.251	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	1038575	45.002	ng	99
29) 2,4-Dichlorophenol	10.286	162	809350	45.952	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	831183	41.343	ng	99
31) Naphthalene	10.692	128	2401029	39.949	ng	99
32) Benzoic acid	9.957	122	527185	43.712	ng	92
33) 4-Chloroaniline	10.804	127	521748	21.331	ng	98
34) Hexachlorobutadiene	10.975	225	487430	40.615	ng	97
35) Caprolactam	11.598	113	255004m	42.771	ng	
36) 4-Chloro-3-methylphenol	11.916	107	837629	45.401	ng	97
37) 2-Methylnaphthalene	12.298	142	1831471	41.532	ng	98
38) 1-Methylnaphthalene	12.522	142	1699319	40.459	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	969086	42.882	ng	99
41) Hexachlorocyclopentadiene	12.651	237	1351935	109.107	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	686215	44.916	ng	100

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44) 2,4,5-Trichlorophenol	12.974	196	752698	44.916	ng	98
46) 1,1'-Biphenyl	13.310	154	2335267	41.130	ng	99
47) 2-Chloronaphthalene	13.351	162	1857265	40.470	ng	97
48) 2-Nitroaniline	13.551	65	547870	39.917	ng	99
49) Acenaphthylene	14.198	152	2941719	41.843	ng	100
50) Dimethylphthalate	13.933	163	3102221	55.599	ng	99
51) 2,6-Dinitrotoluene	14.051	165	526855	42.834	ng	94
52) Acenaphthene	14.539	154	1778990	39.615	ng	98
53) 3-Nitroaniline	14.380	138	531636	39.496	ng	97
54) 2,4-Dinitrophenol	14.586	184	639801	74.558	ng	87
55) Dibenzofuran	14.874	168	2828567	39.586	ng	99
56) 4-Nitrophenol	14.686	139	909744	87.104	ng	94
57) 2,4-Dinitrotoluene	14.833	165	715620	41.586	ng	98
58) Fluorene	15.521	166	2428469	41.196	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	651036	44.886	ng	98
60) Diethylphthalate	15.292	149	2484451	44.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1236794	42.570	ng	95
62) 4-Nitroaniline	15.539	138	554766	39.146	ng	89
63) Azobenzene	15.804	77	2298166	40.793	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	396627	40.579	ng	97
66) n-Nitrosodiphenylamine	15.727	169	2115693	41.010	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	714092	41.307	ng	97
68) Hexachlorobenzene	16.521	284	836903	42.695	ng	97
69) Atrazine	16.674	200	724662	52.449	ng	96
70) Pentachlorophenol	16.862	266	1125450	98.096	ng	97
71) Phenanthrene	17.251	178	3790953	40.612	ng	99
72) Anthracene	17.345	178	3878909	42.797	ng	100
73) Carbazole	17.609	167	3422846	39.601	ng	100
74) Di-n-butylphthalate	18.168	149	4499354	49.931	ng	99
75) Fluoranthene	19.256	202	4380115	41.340	ng	97
77) Benzidine	19.445	184	3625109	153.297	ng	98
78) Pyrene	19.621	202	4474442	44.181	ng	100
80) Butylbenzylphthalate	20.509	149	1832537	44.067	ng	98
81) Benzo(a)anthracene	21.350	228	3980026	40.916	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1400396	47.556	ng	99
83) Chrysene	21.403	228	3847995	40.705	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2819253	44.969	ng	99
85) Di-n-octyl phthalate	22.168	149	4320022	44.738	ng	99
87) Indeno(1,2,3-cd)pyrene	25.979	276	3977478	43.909	ng	97
88) Benzo(b)fluoranthene	22.962	252	3839278	42.593	ng	99
89) Benzo(k)fluoranthene	23.009	252	3500470	39.762	ng	# 99
90) Benzo(a)pyrene	23.550	252	3520529	44.168	ng	99
91) Dibenzo(a,h)anthracene	25.985	278	3386852	43.365	ng	97
92) Benzo(g,h,i)perylene	26.685	276	3262256	43.914	ng	97

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

