

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
 Data File : BM033510.D
 Acq On : 17 Dec 2021 17:41
 Operator : CG/JU
 Sample : M5051-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-2MS

Quant Time: Dec 18 04:53:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 17:10:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	45514	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	192611	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	131536	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	258448	20.000	ng	0.00
76) Chrysene-d12	21.506	240	160622	20.000	ng	0.00
86) Perylene-d12	23.918	264	144568	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	398547	151.098	ng	0.00
7) Phenol-d6	7.113	99	504328	142.476	ng	0.00
23) Nitrobenzene-d5	9.113	82	458221	102.149	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	221055	149.398	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	964327	101.414	ng	0.00
79) Terphenyl-d14	19.948	244	1197138	117.337	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	41881	43.620	ng	# 43
3) Pyridine	3.813	79	79089	28.147	ng	# 88
4) n-Nitrosodimethylamine	3.713	42	102291	51.181	ng	89
6) Aniline	7.272	93	106898	26.443	ng	94
8) 2-Chlorophenol	7.501	128	163835	57.297	ng	98
9) Benzaldehyde	7.078	77	104800	49.428	ng	98
10) Phenol	7.137	94	194126	54.285	ng	86
11) bis(2-Chloroethyl)ether	7.366	93	153768	54.571	ng	96
12) 1,3-Dichlorobenzene	7.825	146	174530	50.241	ng	97
13) 1,4-Dichlorobenzene	7.972	146	180179	50.541	ng	98
14) 1,2-Dichlorobenzene	8.290	146	175578	50.205	ng	99
15) Benzyl Alcohol	8.190	79	197073	61.770	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.472	45	270969	54.084	ng	99
17) 2-Methylphenol	8.390	107	149783	58.937	ng	95
18) Hexachloroethane	9.013	117	74628	50.240	ng	96
19) n-Nitroso-di-n-propyla...	8.760	70	157008	56.261	ng	96
20) 3+4-Methylphenols	8.725	107	198926	58.678	ng	94
22) Acetophenone	8.772	105	291246	55.850	ng	# 93
24) Nitrobenzene	9.154	77	240339	54.545	ng	97
25) Isophorone	9.684	82	403043	55.495	ng	97
26) 2-Nitrophenol	9.866	139	93692	60.877	ng	# 90
27) 2,4-Dimethylphenol	9.925	122	165291	65.351	ng	95
28) bis(2-Chloroethoxy)met...	10.166	93	223388	55.998	ng	98
29) 2,4-Dichlorophenol	10.401	162	169747	58.840	ng	98
30) 1,2,4-Trichlorobenzene	10.607	180	185593	50.736	ng	99
31) Naphthalene	10.801	128	553905	53.087	ng	99
32) Benzoic acid	10.101	122	112019	62.547	ng	97
33) 4-Chloroaniline	10.931	127	36785	10.897	ng	96
34) Hexachlorobutadiene	11.072	225	123599	48.462	ng	96
35) Caprolactam	11.748	113	43996m	77.197	ng	
36) 4-Chloro-3-methylphenol	12.048	107	210911	56.960	ng	97
37) 2-Methylnaphthalene	12.407	142	414744	57.463	ng	95
38) 1-Methylnaphthalene	12.630	142	386905	53.741	ng	97
40) 1,2,4,5-Tetrachloroben...	12.772	216	218850	57.757	ng	98
41) Hexachlorocyclopentadiene	12.748	237	205572	125.454	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	146248	57.720	ng	98

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44) 2,4,5-Trichlorophenol	13.095	196	157734	58.334	ng	98
46) 1,1'-Biphenyl	13.419	154	559230	57.416	ng	99
47) 2-Chloronaphthalene	13.460	162	420063	55.792	ng	97
48) 2-Nitroaniline	13.677	65	163201	63.625	ng	95
49) Acenaphthylene	14.307	152	675767	56.651	ng	98
50) Dimethylphthalate	14.054	163	559348	56.141	ng	98
51) 2,6-Dinitrotoluene	14.172	165	114985	61.066	ng	# 85
52) Acenaphthene	14.648	154	401864	55.471	ng	99
53) 3-Nitroaniline	14.507	138	69503	39.356	ng	99
54) 2,4-Dinitrophenol	14.707	184	80921	81.434	ng	# 84
55) Dibenzofuran	14.983	168	652828	53.174	ng	94
56) 4-Nitrophenol	14.819	139	157924	110.483	ng	# 77
57) 2,4-Dinitrotoluene	14.960	165	161628	62.765	ng	97
58) Fluorene	15.630	166	534804	54.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	129672	52.710	ng	94
60) Diethylphthalate	15.407	149	591939	55.250	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	273365	53.441	ng	94
62) 4-Nitroaniline	15.671	138	105870	57.055	ng	# 78
63) Azobenzene	15.918	77	649292	54.020	ng	96
65) 4,6-Dinitro-2-methylph...	15.718	198	59890	45.566	ng	96
66) n-Nitrosodiphenylamine	15.842	169	456961	59.558	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	157113	55.715	ng	# 89
68) Hexachlorobenzene	16.630	284	169958	56.130	ng	94
69) Atrazine	16.801	200	166005	102.050	ng	99
70) Pentachlorophenol	16.983	266	207855	122.289	ng	97
71) Phenanthrene	17.371	178	786270	54.662	ng	98
72) Anthracene	17.465	178	811437	57.702	ng	99
73) Carbazole	17.742	167	671797	54.109	ng	99
74) Di-n-butylphthalate	18.295	149	978711	56.704	ng	# 98
75) Fluoranthene	19.383	202	795844	48.096	ng	98
77) Benzidine	19.577	184	114900	152.992	ng	98
78) Pyrene	19.748	202	780274	61.569	ng	98
80) Butylbenzylphthalate	20.642	149	363795	64.140	ng	95
81) Benzo(a)anthracene	21.495	228	576522	53.553	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	169512	40.160	ng	99
83) Chrysene	21.547	228	550209	53.081	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	518309	62.347	ng	99
85) Di-n-octyl phthalate	22.347	149	769313	56.928	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	446163	66.939	ng	# 95
88) Benzo(b)fluoranthene	23.183	252	524826	56.614	ng	98
89) Benzo(k)fluoranthene	23.236	252	472692	50.410	ng	# 98
90) Benzo(a)pyrene	23.818	252	459328	66.211	ng	98
91) Dibenzo(a,h)anthracene	26.447	278	354245	70.858	ng	97
92) Benzo(g,h,i)perylene	27.206	276	418867	65.153	ng	96

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

