

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033518.D
 Acq On : 18 Dec 2021 14:27
 Operator : CG/JU
 Sample : PB141511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141511BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/20/2021
 Supervised By : mohammad ahmed 12/23/2021

Quant Time: Dec 20 07:07:08 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	38548	20.000	ng	0.00
21) Naphthalene-d8	10.742	136	164512	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	108158	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	197805	20.000	ng	-0.01
76) Chrysene-d12	21.506	240	124230	20.000	ng	0.00
86) Perylene-d12	23.918	264	98014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	286973	128.459	ng	0.00
7) Phenol-d6	7.107	99	367890	122.713	ng	0.00
23) Nitrobenzene-d5	9.107	82	302594	78.977	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	134849	110.835	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	617284	78.949	ng	0.00
79) Terphenyl-d14	19.948	244	703199	89.114	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	26115	30.647	ng	# 92
3) Pyridine	3.802	79	61400	25.801	ng	# 91
4) n-Nitrosodimethylamine	3.707	42	72035	42.556	ng	# 83
6) Aniline	7.266	93	117532	34.327	ng	96
8) 2-Chlorophenol	7.501	128	108454	44.783	ng	98
9) Benzaldehyde	7.078	77	13520m	3.607	ng	
10) Phenol	7.137	94	136169	44.959	ng	87
11) bis(2-Chloroethyl)ether	7.360	93	103073	43.190	ng	99
12) 1,3-Dichlorobenzene	7.819	146	119999	40.786	ng	95
13) 1,4-Dichlorobenzene	7.972	146	122399	40.538	ng	99
14) 1,2-Dichlorobenzene	8.290	146	118703	40.075	ng	97
15) Benzyl Alcohol	8.184	79	119190m	44.110	ng	
16) 2,2'-oxybis(1-Chloropr...	8.460	45	179849	42.384	ng	99
17) 2-Methylphenol	8.389	107	94333	43.826	ng	92
18) Hexachloroethane	9.013	117	52155	41.456	ng	96
19) n-Nitroso-di-n-propyla...	8.754	70	97985	41.456	ng	92
20) 3+4-Methylphenols	8.719	107	125247	43.621	ng	90
22) Acetophenone	8.772	105	175938	39.501	ng	94
24) Nitrobenzene	9.148	77	156059	41.467	ng	97
25) Isophorone	9.678	82	245322	39.548	ng	# 98
26) 2-Nitrophenol	9.860	139	61040	46.436	ng	# 91
27) 2,4-Dimethylphenol	9.919	122	103724	48.014	ng	96
28) bis(2-Chloroethoxy)met...	10.160	93	139299	40.883	ng	97
29) 2,4-Dichlorophenol	10.395	162	107494	43.625	ng	97
30) 1,2,4-Trichlorobenzene	10.607	180	120936	38.707	ng	99
31) Naphthalene	10.795	128	355840	39.929	ng	99
32) Benzoic acid	10.084	122	62220	41.711	ng	98
33) 4-Chloroaniline	10.919	127	47101	16.337	ng	94
34) Hexachlorobutadiene	11.072	225	84143	38.627	ng	99
35) Caprolactam	11.725	113	27491m	56.476	ng	
36) 4-Chloro-3-methylphenol	12.042	107	124945	39.507	ng	97
37) 2-Methylnaphthalene	12.407	142	259871	42.155	ng	# 96
38) 1-Methylnaphthalene	12.625	142	239794	38.997	ng	99
40) 1,2,4,5-Tetrachloroben...	12.772	216	134309	43.107	ng	# 97
41) Hexachlorocyclopentadiene	12.748	237	185254	137.491	ng	97
43) 2,4,6-Trichlorophenol	13.019	196	88242	42.355	ng	95

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44) 2,4,5-Trichlorophenol	13.089	196	93463	42.036	ng	97
46) 1,1'-Biphenyl	13.413	154	325828	40.683	ng	99
47) 2-Chloronaphthalene	13.460	162	254830	41.162	ng	98
48) 2-Nitroaniline	13.672	65	90836	43.067	ng	95
49) Acenaphthylene	14.301	152	404566	41.247	ng	98
50) Dimethylphthalate	14.048	163	314176	38.349	ng	99
51) 2,6-Dinitrotoluene	14.166	165	65737	42.457	ng	# 78
52) Acenaphthene	14.642	154	243087	40.807	ng	99
53) 3-Nitroaniline	14.501	138	36057	24.830	ng	99
54) 2,4-Dinitrophenol	14.707	184	70496	85.858	ng	89
55) Dibenzofuran	14.977	168	387897	38.424	ng	94
56) 4-Nitrophenol	14.813	139	86310	74.775	ng	# 78
57) 2,4-Dinitrotoluene	14.954	165	88600	41.843	ng	# 95
58) Fluorene	15.630	166	310224	38.291	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	79301	39.202	ng	95
60) Diethylphthalate	15.401	149	334699	37.992	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	161979	38.510	ng	93
62) 4-Nitroaniline	15.665	138	52922	35.692	ng	# 76
63) Azobenzene	15.918	77	373710	37.812	ng	95
65) 4,6-Dinitro-2-methylph...	15.713	198	46572	46.297	ng	96
66) n-Nitrosodiphenylamine	15.842	169	259931	44.264	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	92140	42.692	ng	90
68) Hexachlorobenzene	16.630	284	101358	43.737	ng	98
69) Atrazine	16.795	200	91750	73.694	ng	98
70) Pentachlorophenol	16.977	266	121788	93.619	ng	100
71) Phenanthrene	17.371	178	454219	41.258	ng	99
72) Anthracene	17.459	178	455679	42.338	ng	99
73) Carbazole	17.736	167	366309	38.549	ng	98
74) Di-n-butylphthalate	18.295	149	532097	40.280	ng	98
75) Fluoranthene	19.383	202	464268	36.660	ng	98
77) Benzidine	19.577	184	75960	130.771	ng	97
78) Pyrene	19.748	202	464680	47.407	ng	99
80) Butylbenzylphthalate	20.642	149	198380	45.222	ng	99
81) Benzo(a)anthracene	21.489	228	343008	41.196	ng	99
82) 3,3'-Dichlorobenzidine	21.424	252	97125	29.751	ng	98
83) Chrysene	21.542	228	332753	41.506	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	279520	43.473	ng	99
85) Di-n-octyl phthalate	22.342	149	431428	41.277	ng	100
87) Indeno(1,2,3-cd)pyrene	26.424	276	253167	56.024	ng	# 94
88) Benzo(b)fluoranthene	23.183	252	293162	46.644	ng	98
89) Benzo(k)fluoranthene	23.230	252	272130	42.806	ng	96
90) Benzo(a)pyrene	23.812	252	256611	54.559	ng	97
91) Dibenzo(a,h)anthracene	26.441	278	204854	60.439	ng	97
92) Benzo(g,h,i)perylene	27.188	276	247072	56.685	ng	96

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

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