

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038726.D
 Acq On : 14 Feb 2023 12:14
 Operator : CG/JU
 Sample : PB150810BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/15/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 14 15:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 15:49:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	52576	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	190633	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	122204	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	222894	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	155647	20.000	ng	0.00
86) Perylene-d12	23.839	264	170342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	420797	156.783	ng	0.00
7) Phenol-d6	7.081	99	467188	152.621	ng	0.00
23) Nitrobenzene-d5	9.081	82	280174	83.480	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	209198	125.945	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	840043	87.514	ng	0.00
79) Terphenyl-d14	19.904	244	932331	105.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	38674	32.685	ng	99
3) Pyridine	3.728	79	95520	33.949	ng	95
4) n-Nitrosodimethylamine	3.640	42	52534	41.359	ng	92
6) Aniline	7.234	93	142566	37.336	ng	97
8) 2-Chlorophenol	7.469	128	147142	50.242	ng	95
9) Benzaldehyde	7.046	77	32779m	24.295	ng	
10) Phenol	7.110	94	154283	49.889	ng	92
11) bis(2-Chloroethyl)ether	7.334	93	114354	45.661	ng	99
12) 1,3-Dichlorobenzene	7.787	146	177085	47.325	ng	98
13) 1,4-Dichlorobenzene	7.940	146	179563	47.549	ng	97
14) 1,2-Dichlorobenzene	8.251	146	175890	48.618	ng	99
15) Benzyl Alcohol	8.157	79	96772m	42.951	ng	
16) 2,2'-oxybis(1-Chloropr...	8.440	45	102155	43.063	ng	96
17) 2-Methylphenol	8.357	107	106766	45.010	ng	97
18) Hexachloroethane	8.975	117	60146	49.317	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	83243	45.115	ng	97
20) 3+4-Methylphenols	8.693	107	142598	45.089	ng	97
22) Acetophenone	8.740	105	188181	41.393	ng	# 97
24) Nitrobenzene	9.122	77	136869	40.179	ng	93
25) Isophorone	9.645	82	230948	39.281	ng	99
26) 2-Nitrophenol	9.828	139	84786	44.728	ng	100
27) 2,4-Dimethylphenol	9.892	122	120903	44.207	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	150898	41.997	ng	99
29) 2,4-Dichlorophenol	10.363	162	161250	41.500	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	165936	40.147	ng	97
31) Naphthalene	10.763	128	430271	43.984	ng	98
32) Benzoic acid	10.051	122	89393	40.378	ng	94
33) 4-Chloroaniline	10.887	127	68579	15.996	ng	97
34) Hexachlorobutadiene	11.034	225	81977	39.593	ng	95
35) Caprolactam	11.686	113	31361m	37.477	ng	
36) 4-Chloro-3-methylphenol	12.010	107	116088	40.405	ng	95
37) 2-Methylnaphthalene	12.369	142	322736	40.825	ng	98
38) 1-Methylnaphthalene	12.586	142	304509	40.879	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	138653	43.596	ng	# 97
41) Hexachlorocyclopentadiene	12.704	237	182214	92.328	ng	97
43) 2,4,6-Trichlorophenol	12.980	196	107272	42.933	ng	97

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44) 2,4,5-Trichlorophenol	13.057	196	114063	38.794	ng	98
46) 1,1'-Biphenyl	13.380	154	447239	46.201	ng	100
47) 2-Chloronaphthalene	13.422	162	350142	45.967	ng	97
48) 2-Nitroaniline	13.639	65	68230	40.065	ng	94
49) Acenaphthylene	14.269	152	538690	44.899	ng	100
50) Dimethylphthalate	14.010	163	409439	41.057	ng	100
51) 2,6-Dinitrotoluene	14.133	165	89054	43.936	ng	94
52) Acenaphthene	14.610	154	319788	44.639	ng	98
53) 3-Nitroaniline	14.469	138	62583	30.130	ng	# 91
54) 2,4-Dinitrophenol	14.675	184	113637	86.135	ng	88
55) Dibenzofuran	14.939	168	509265	41.282	ng	99
56) 4-Nitrophenol	14.780	139	147683	90.849	ng	97
57) 2,4-Dinitrotoluene	14.922	165	118834	40.014	ng	98
58) Fluorene	15.592	166	410361	42.041	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	84023	41.059	ng	96
60) Diethylphthalate	15.363	149	394710	41.780	ng	97
61) 4-Chlorophenyl-phenyle...	15.580	204	166476	40.202	ng	97
62) 4-Nitroaniline	15.627	138	82560m	38.302	ng	
63) Azobenzene	15.874	77	312300	42.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	60321	42.989	ng	94
66) n-Nitrosodiphenylamine	15.804	169	333198	45.782	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	96917	45.032	ng	96
68) Hexachlorobenzene	16.586	284	126505	48.096	ng	95
69) Atrazine	16.751	200	98502	46.697	ng	99
70) Pentachlorophenol	16.939	266	154930	80.803	ng	95
71) Phenanthrene	17.327	178	592921	44.800	ng	100
72) Anthracene	17.421	178	594657	43.921	ng	99
73) Carbazole	17.698	167	555799	44.016	ng	99
74) Di-n-butylphthalate	18.245	149	652655	45.748	ng	100
75) Fluoranthene	19.339	202	565892	40.724	ng	99
77) Benzidine	19.533	184	203097	43.728	ng	100
78) Pyrene	19.704	202	598754	49.965	ng	99
80) Butylbenzylphthalate	20.592	149	268177	45.076	ng	96
81) Benzo(a)anthracene	21.445	228	499526	45.370	ng	100
82) 3,3'-Dichlorobenzidine	21.386	252	148224	39.132	ng	98
83) Chrysene	21.498	228	465281	43.861	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	369094	42.689	ng	98
85) Di-n-octyl phthalate	22.280	149	616567	43.711	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	651593	48.564	ng	98
88) Benzo(b)fluoranthene	23.115	252	512641	50.245	ng	99
89) Benzo(k)fluoranthene	23.162	252	519776m	50.168	ng	
90) Benzo(a)pyrene	23.733	252	453552	44.952	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	550568	48.773	ng	97
92) Benzo(g,h,i)perylene	27.074	276	556202	48.744	ng	97

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

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