

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038661.D
 Acq On : 02 Feb 2023 13:34
 Operator : CG/JU
 Sample : PB150597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150597BS

Quant Time: Feb 03 05:33:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	67260	20.000	ng	-0.01
21) Naphthalene-d8	10.740	136	220700	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	152225	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	297631	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	220244	20.000	ng	0.00
86) Perylene-d12	23.886	264	258883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	348003	101.354	ng	0.00
7) Phenol-d6	7.116	99	387236	98.884	ng	0.00
23) Nitrobenzene-d5	9.110	82	242041	62.293	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	211027	101.991	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	805428	67.360	ng	-0.01
79) Terphenyl-d14	19.927	244	909484	72.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	55373	36.582	ng	98
3) Pyridine	3.758	79	125479	34.861	ng	97
4) n-Nitrosodimethylamine	3.669	42	60215	37.057	ng	# 90
6) Aniline	7.263	93	160166	32.788	ng	98
8) 2-Chlorophenol	7.499	128	165382	44.142	ng	98
9) Benzaldehyde	7.075	77	85693	49.648	ng	95
10) Phenol	7.146	94	167985	42.461	ng	96
11) bis(2-Chloroethyl)ether	7.357	93	129720	40.488	ng	97
12) 1,3-Dichlorobenzene	7.816	146	216386	45.203	ng	98
13) 1,4-Dichlorobenzene	7.969	146	216020	44.715	ng	98
14) 1,2-Dichlorobenzene	8.287	146	211688	45.739	ng	98
15) Benzyl Alcohol	8.187	79	118066	40.962	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	111027	36.585	ng	98
17) 2-Methylphenol	8.399	107	117590	38.751	ng	98
18) Hexachloroethane	9.004	117	71681	45.943	ng	96
19) n-Nitroso-di-n-propyla...	8.746	70	95063	40.273	ng	94
20) 3+4-Methylphenols	8.728	107	159143	39.334	ng	98
22) Acetophenone	8.769	105	220296	41.856	ng	# 98
24) Nitrobenzene	9.151	77	155929	39.538	ng	93
25) Isophorone	9.675	82	268280	39.414	ng	99
26) 2-Nitrophenol	9.857	139	95985	43.738	ng	95
27) 2,4-Dimethylphenol	9.928	122	139937	44.196	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	167588	40.288	ng	98
29) 2,4-Dichlorophenol	10.404	162	195197	43.392	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	210777	44.049	ng	97
31) Naphthalene	10.792	128	475400	41.977	ng	99
32) Benzoic acid	10.081	122	82290	32.106	ng	96
33) 4-Chloroaniline	10.916	127	65996	13.297	ng	95
34) Hexachlorobutadiene	11.063	225	113444	47.327	ng	99
35) Caprolactam	11.710	113	36152	37.316	ng	89
36) 4-Chloro-3-methylphenol	12.051	107	133425	40.112	ng	95
37) 2-Methylnaphthalene	12.398	142	370369	40.468	ng	98
38) 1-Methylnaphthalene	12.616	142	342719	39.740	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	185024	46.703	ng	99
41) Hexachlorocyclopentadiene	12.734	237	291531	118.587	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	138944	44.643	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	146311	39.948	ng	97
46) 1,1'-Biphenyl	13.404	154	526731	43.682	ng	99
47) 2-Chloronaphthalene	13.451	162	429365	45.251	ng	99
48) 2-Nitroaniline	13.669	65	75609	35.882	ng	94
49) Acenaphthylene	14.292	152	634517	42.456	ng	99
50) Dimethylphthalate	14.033	163	500055	40.254	ng	99
51) 2,6-Dinitrotoluene	14.163	165	104210	41.274	ng	98
52) Acenaphthene	14.633	154	375103	42.034	ng	98
53) 3-Nitroaniline	14.492	138	56731	22.370	ng	99
54) 2,4-Dinitrophenol	14.704	184	118844	72.316	ng	89
55) Dibenzofuran	14.969	168	633861	41.248	ng	98
56) 4-Nitrophenol	14.822	139	147443	72.813	ng	92
57) 2,4-Dinitrotoluene	14.945	165	139516	37.807	ng	94
58) Fluorene	15.616	166	503057	41.373	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	109344	42.895	ng	95
60) Diethylphthalate	15.386	149	467862	39.756	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	224165	43.457	ng	96
62) 4-Nitroaniline	15.657	138	89804m	33.681	ng	
63) Azobenzene	15.898	77	340185	37.572	ng	99
65) 4,6-Dinitro-2-methylph...	15.710	198	72010	38.433	ng	95
66) n-Nitrosodiphenylamine	15.827	169	409266	42.113	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	129200	44.958	ng	98
68) Hexachlorobenzene	16.616	284	166954	47.536	ng	96
69) Atrazine	16.780	200	129849	46.100	ng	97
70) Pentachlorophenol	16.969	266	184013	71.872	ng	99
71) Phenanthrene	17.357	178	730175	41.317	ng	98
72) Anthracene	17.445	178	748499	41.401	ng	99
73) Carbazole	17.721	167	662459	39.289	ng	99
74) Di-n-butylphthalate	18.274	149	786338	41.278	ng	99
75) Fluoranthene	19.368	202	724722	39.058	ng	99
77) Benzidine	19.557	184	452270	67.030	ng	99
78) Pyrene	19.733	202	761725	44.922	ng	99
80) Butylbenzylphthalate	20.621	149	330103	39.465	ng	97
81) Benzo(a)anthracene	21.474	228	647846	41.584	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	165631	30.902	ng	99
83) Chrysene	21.527	228	610900	40.698	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	477193	39.133	ng	97
85) Di-n-octyl phthalate	22.309	149	818328	40.999	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	888236	43.560	ng	97
88) Benzo(b)fluoranthene	23.156	252	705362	45.489	ng	99
89) Benzo(k)fluoranthene	23.203	252	681173	43.260	ng	99
90) Benzo(a)pyrene	23.780	252	601062	39.198	ng	98
91) Dibenzo(a,h)anthracene	26.397	278	739037	43.078	ng	98
92) Benzo(g,h,i)perylene	27.156	276	729505	42.066	ng	97

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

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