Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038937.D
Acq On : 08 Mar 2023 20:16
Operator : CG/JU
Sample : PB150937BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB150937BS

Quant Time: Mar 09 05:43:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 05:21:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	421204	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	1605236	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	854913	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1550964	20.000	ng		0.00
76) Chrysene-d12	21.556	240	1121636	20.000	ng		0.00
86) Perylene-d12	23.997	264	1009021	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	3131935	112.969	ng		0.00
7) Phenol-d6	7.157	99	3899794	108.296	ng		0.00
23) Nitrobenzene-d5	9.163	82	2252543	68.929	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1042161	105.375	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	4626159	70.444	ng		0.00
79) Terphenyl-d14	19.992	244	4809213	78.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	535268	43.399	ng		100
3) Pyridine	3.816	79	1363521	39.862	ng		99
4) n-Nitrosodimethylamine	3.722	42	621325	44.637	ng		99
6) Aniline	7.322	93	1833696	38.782	ng		100
8) 2-Chlorophenol	7.557	128	1455223	49.304	ng		99
9) Benzaldehyde	7.128	77	630044	36.767	ng		97
10) Phenol	7.181	94	1857491	48.573	ng		100
11) bis(2-Chloroethyl)ether	7.416	93	1443614	46.432	ng		100
12) 1,3-Dichlorobenzene	7.887	146	1539798	49.090	ng		99
13) 1,4-Dichlorobenzene	8.034	146	1571972	49.277	ng		99
14) 1,2-Dichlorobenzene	8.351	146	1506356	49.021	ng		99
15) Benzyl Alcohol	8.239	79	1213754	47.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.534	45	1836011	46.758	ng		99
17) 2-Methylphenol	8.439	107	1192177	45.383	ng		99
18) Hexachloroethane	9.086	117	588310	49.984	ng		94
19) n-Nitroso-di-n-propyla...	8.810	70	1066149	47.005	ng		99
20) 3+4-Methylphenols	8.769	107	1554570	44.320	ng		100
22) Acetophenone	8.828	105	2110497	46.861	ng	#	99
24) Nitrobenzene	9.204	77	1584538	46.132	ng		100
25) Isophorone	9.739	82	2800128	46.563	ng		99
26) 2-Nitrophenol	9.916	139	688380	45.551	ng		98
27) 2,4-Dimethylphenol	9.981	122	1316695	50.250	ng		99
28) bis(2-Chloroethoxy)met...	10.222	93	1832517	47.426	ng		99
29) 2,4-Dichlorophenol	10.451	162	1235969	49.752	ng		99
30) 1,2,4-Trichlorobenzene	10.675	180	1321004	48.661	ng		99
31) Naphthalene	10.863	128	4268689	46.635	ng		100
32) Benzoic acid	10.122	122	784159	41.649	ng		99
33) 4-Chloroaniline	10.969	127	604224	15.489	ng		99
34) Hexachlorobutadiene	11.151	225	754958	48.495	ng		99
35) Caprolactam	11.757	113	329275	43.549	ng		95
36) 4-Chloro-3-methylphenol	12.086	107	1235499	46.705	ng		99
37) 2-Methylnaphthalene	12.463	142	2821480	45.990	ng		99
38) 1-Methylnaphthalene	12.686	142	2589944	45.048	ng		99
40) 1,2,4,5-Tetrachloroben...	12.833	216	1380150	49.659	ng		99
41) Hexachlorocyclopentadiene	12.816	237	1996522	130.871	ng		98
43) 2,4,6-Trichlorophenol	13.069	196	880460	48.922	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	946014	44.907	ng	97
46) 1,1'-Biphenyl	13.469	154	3502664	48.362	ng	99
47) 2-Chloronaphthalene	13.516	162	2666718	48.828	ng	98
48) 2-Nitroaniline	13.716	65	748618	43.052	ng	96
49) Acenaphthylene	14.357	152	4157978	47.797	ng	100
50) Dimethylphthalate	14.092	163	2971459	45.169	ng	100
51) 2,6-Dinitrotoluene	14.210	165	633845	43.700	ng	97
52) Acenaphthene	14.698	154	2479966	46.387	ng	100
53) 3-Nitroaniline	14.533	138	381594	23.283	ng	100
54) 2,4-Dinitrophenol	14.739	184	704571	83.981	ng	94
55) Dibenzofuran	15.033	168	3804400	45.474	ng	100
56) 4-Nitrophenol	14.839	139	1175750	89.992	ng	99
57) 2,4-Dinitrotoluene	14.992	165	840454	44.074	ng	100
58) Fluorene	15.680	166	3042970	46.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	769190	47.345	ng	99
60) Diethylphthalate	15.457	149	2921605	45.643	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1493405	46.386	ng	99
62) 4-Nitroaniline	15.698	138	667368	38.896	ng	100
63) Azobenzene	15.962	77	3168233	46.778	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	415850	41.563	ng	99
66) n-Nitrosodiphenylamine	15.886	169	2501014	47.833	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	807696	48.214	ng	99
68) Hexachlorobenzene	16.680	284	946629	50.548	ng	99
69) Atrazine	16.839	200	769536	53.883	ng	99
70) Pentachlorophenol	17.021	266	1172504	85.125	ng	100
71) Phenanthrene	17.415	178	4207795	46.226	ng	100
72) Anthracene	17.509	178	4277328	47.119	ng	100
73) Carbazole	17.780	167	3792600	45.778	ng	100
74) Di-n-butylphthalate	18.345	149	4506159	44.721	ng	100
75) Fluoranthene	19.427	202	4150441	43.184	ng	99
77) Benzidine	19.615	184	1667579	63.474	ng	99
78) Pyrene	19.792	202	4428422	52.567	ng	100
80) Butylbenzylphthalate	20.692	149	1684160	47.084	ng	100
81) Benzo(a)anthracene	21.539	228	3790823	46.931	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	791658	31.890	ng	99
83) Chrysene	21.592	228	3572139	45.470	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2399976	46.425	ng	100
85) Di-n-octyl phthalate	22.409	149	3807080	44.588	ng	100
87) Indeno(1,2,3-cd)pyrene	26.556	276	3471203	45.210	ng	100
88) Benzo(b)fluoranthene	23.256	252	3347267	51.925	ng	100
89) Benzo(k)fluoranthene	23.303	252	3356906	50.038	ng	99
90) Benzo(a)pyrene	23.891	252	2843974	45.841	ng	100
91) Dibenzo(a,h)anthracene	26.574	278	2942997	45.261	ng	99
92) Benzo(g,h,i)perylene	27.338	276	2788565	43.835	ng	100

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

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