Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038938.D
Acq On : 08 Mar 2023 20:54
Operator : CG/JU
Sample : PB150937BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB150937BSD

Quant Time: Mar 09 05:43:40 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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	415143	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	1559035	20.000	ng		0.00
39) Acenaphthene-d10	14.634	164	823168	20.000	ng		0.00
64) Phenanthrene-d10	17.375	188	1440527	20.000	ng		0.00
76) Chrysene-d12	21.557	240	1007424	20.000	ng		0.00
86) Perylene-d12	23.998	264	919202	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	3460938	126.659	ng		0.00
7) Phenol-d6	7.158	99	4283358	120.684	ng		0.00
23) Nitrobenzene-d5	9.163	82	2495147	78.615	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1108918	116.449	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	5045638	79.794	ng		0.00
79) Terphenyl-d14	19.992	244	5009475	90.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	582256	47.898	ng		99
3) Pyridine	3.817	79	1505803	44.664	ng		99
4) n-Nitrosodimethylamine	3.722	42	670342	48.862	ng		99
6) Aniline	7.322	93	2076563	44.560	ng		99
8) 2-Chlorophenol	7.558	128	1625827	55.888	ng		99
9) Benzaldehyde	7.128	77	705227	41.756	ng		98
10) Phenol	7.181	94	2067183	54.846	ng		98
11) bis(2-Chloroethyl)ether	7.416	93	1606212	52.416	ng		99
12) 1,3-Dichlorobenzene	7.881	146	1731153	55.997	ng		100
13) 1,4-Dichlorobenzene	8.034	146	1751033	55.691	ng		99
14) 1,2-Dichlorobenzene	8.352	146	1679249	55.445	ng		100
15) Benzyl Alcohol	8.240	79	1346028	52.911	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.534	45	2019087	52.172	ng		98
17) 2-Methylphenol	8.440	107	1320619	51.006	ng		99
18) Hexachloroethane	9.087	117	655685	56.521	ng		95
19) n-Nitroso-di-n-propyla...	8.810	70	1178224	52.704	ng		99
20) 3+4-Methylphenols	8.769	107	1724085	49.871	ng		98
22) Acetophenone	8.822	105	2334195	53.364	ng	#	99
24) Nitrobenzene	9.204	77	1753289	52.558	ng		100
25) Isophorone	9.740	82	3105647	53.173	ng		100
26) 2-Nitrophenol	9.916	139	783487	52.867	ng		98
27) 2,4-Dimethylphenol	9.981	122	1444537	56.762	ng		98
28) bis(2-Chloroethoxy)met...	10.222	93	2034894	54.224	ng		100
29) 2,4-Dichlorophenol	10.451	162	1367164	56.664	ng		100
30) 1,2,4-Trichlorobenzene	10.669	180	1469073	55.719	ng		99
31) Naphthalene	10.863	128	4681299	52.659	ng		99
32) Benzoic acid	10.122	122	910376	48.666	ng		99
33) 4-Chloroaniline	10.969	127	613389	16.190	ng		100
34) Hexachlorobutadiene	11.146	225	846178	55.965	ng		100
35) Caprolactam	11.757	113	359607m	48.970	ng		
36) 4-Chloro-3-methylphenol	12.087	107	1346163	52.396	ng		100
37) 2-Methylnaphthalene	12.463	142	3090521	51.868	ng		99
38) 1-Methylnaphthalene	12.687	142	2837416	50.814	ng		100
40) 1,2,4,5-Tetrachloroben...	12.834	216	1516656	56.675	ng		99
41) Hexachlorocyclopentadiene	12.816	237	2215843	150.848	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	976240	56.335	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	1040122	51.279	ng	97
46) 1,1'-Biphenyl	13.469	154	3805623	54.571	ng	99
47) 2-Chloronaphthalene	13.510	162	2922975	55.584	ng	100
48) 2-Nitroaniline	13.716	65	805402	47.844	ng	95
49) Acenaphthylene	14.357	152	4471139	53.379	ng	99
50) Dimethylphthalate	14.092	163	3239398	51.141	ng	100
51) 2,6-Dinitrotoluene	14.210	165	692535	49.382	ng	98
52) Acenaphthene	14.698	154	2677334	52.010	ng	99
53) 3-Nitroaniline	14.534	138	418604	26.305	ng	99
54) 2,4-Dinitrophenol	14.739	184	771215	94.760	ng	94
55) Dibenzofuran	15.033	168	4096641	50.855	ng	100
56) 4-Nitrophenol	14.839	139	1242523	98.770	ng	98
57) 2,4-Dinitrotoluene	14.992	165	902175	48.897	ng	98
58) Fluorene	15.681	166	3236124	51.285	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	823868	52.666	ng	99
60) Diethylphthalate	15.457	149	3116530	50.566	ng	99
61) 4-Chlorophenyl-phenyle...	15.675	204	1605678	51.797	ng	99
62) 4-Nitroaniline	15.698	138	699521	42.187	ng	98
63) Azobenzene	15.963	77	3338666	51.196	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	456123	48.162	ng	97
66) n-Nitrosodiphenylamine	15.886	169	2666388	54.906	ng	100
67) 4-Bromophenyl-phenylether	16.569	248	869571	55.888	ng	99
68) Hexachlorobenzene	16.680	284	1022262	58.772	ng	99
69) Atrazine	16.839	200	818804	61.728	ng	98
70) Pentachlorophenol	17.022	266	1250408	97.741	ng	99
71) Phenanthrene	17.416	178	4408297	52.141	ng	100
72) Anthracene	17.510	178	4523124	53.647	ng	99
73) Carbazole	17.780	167	3957658	51.432	ng	99
74) Di-n-butylphthalate	18.345	149	4692979	49.928	ng	100
75) Fluoranthene	19.427	202	4321859	48.415	ng	99
77) Benzidine	19.610	184	1801100	75.341	ng	99
78) Pyrene	19.792	202	4555938	60.211	ng	100
80) Butylbenzylphthalate	20.692	149	1759026	54.212	ng	99
81) Benzo(a)anthracene	21.539	228	3881593	53.503	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	832811	37.351	ng	100
83) Chrysene	21.592	228	3691336	52.314	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2526304	53.981	ng	100
85) Di-n-octyl phthalate	22.409	149	4010159	51.635	ng	99
87) Indeno(1,2,3-cd)pyrene	26.556	276	3549848	50.752	ng	100
88) Benzo(b)fluoranthene	23.256	252	3517145	59.892	ng	99
89) Benzo(k)fluoranthene	23.304	252	3445502	56.377	ng	100
90) Benzo(a)pyrene	23.892	252	2945369	52.114	ng	100
91) Dibenzo(a,h)anthracene	26.574	278	3018131	50.952	ng	99
92) Benzo(g,h,i)perylene	27.339	276	2835371	48.926	ng	99

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

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