Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040110.D
Acq On : 06 Jun 2023 18:58
Operator : MA/JU
Sample : PB153183BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 07 02:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB153183BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	254517	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	1199892	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	734132	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1549643	20.000	ng		0.00
76) Chrysene-d12	21.556	240	1598388	20.000	ng		0.00
86) Perylene-d12	23.991	264	1468043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	2573010	155.071	ng		0.00
7) Phenol-d6	7.157	99	3342279	154.418	ng		0.00
23) Nitrobenzene-d5	9.163	82	1827577	82.188	ng		0.00
42) 2,4,6-Tribromophenol	16.121	330	1607136	168.667	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	4656233	74.809	ng		0.00
79) Terphenyl-d14	19.992	244	8754770	85.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	242468	36.185	ng		97
3) Pyridine	3.804	79	652759	35.481	ng		98
4) n-Nitrosodimethylamine	3.716	42	327112	41.853	ng		93
6) Aniline	7.316	93	1298983	48.502	ng		99
8) 2-Chlorophenol	7.557	128	986877	56.504	ng		96
9) Benzaldehyde	7.128	77	478369	45.719	ng		98
10) Phenol	7.181	94	1289254	59.424	ng		98
11) bis(2-Chloroethyl)ether	7.416	93	877392	49.099	ng		98
12) 1,3-Dichlorobenzene	7.881	146	902411	48.791	ng		99
13) 1,4-Dichlorobenzene	8.034	146	929649	49.402	ng		100
14) 1,2-Dichlorobenzene	8.351	146	913936	49.530	ng		99
15) Benzyl Alcohol	8.239	79	799011	57.268	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.533	45	1091880	47.632	ng		99
17) 2-Methylphenol	8.439	107	853391	54.978	ng		98
18) Hexachloroethane	9.086	117	334241	48.993	ng		97
19) n-Nitroso-di-n-propyla...	8.810	70	668297	53.309	ng		96
20) 3+4-Methylphenols	8.769	107	1167446	56.995	ng		98
22) Acetophenone	8.822	105	1446350	44.659	ng	#	98
24) Nitrobenzene	9.210	77	998322	44.260	ng		97
25) Isophorone	9.733	82	1920912	47.369	ng		99
26) 2-Nitrophenol	9.922	139	474020	59.390	ng		95
27) 2,4-Dimethylphenol	9.980	122	984070	54.132	ng		99
28) bis(2-Chloroethoxy)met...	10.216	93	1239303	46.613	ng		100
29) 2,4-Dichlorophenol	10.457	162	907575	52.694	ng		98
30) 1,2,4-Trichlorobenzene	10.675	180	816633	43.309	ng		98
31) Naphthalene	10.863	128	2943635	44.463	ng		100
32) Benzoic acid	10.122	122	615757	49.894	ng		92
33) 4-Chloroaniline	10.969	127	879378	31.521	ng		99
34) Hexachlorobutadiene	11.151	225	412175	38.944	ng		98
35) Caprolactam	11.757	113	316150m	65.003	ng		
36) 4-Chloro-3-methylphenol	12.092	107	1020141	57.303	ng		99
37) 2-Methylnaphthalene	12.469	142	2027121	45.937	ng		99
38) 1-Methylnaphthalene	12.686	142	1922939	46.551	ng		100
40) 1,2,4,5-Tetrachloroben...	12.833	216	906554	39.043	ng		98
41) Hexachlorocyclopentadiene	12.816	237	1189976	99.068	ng		99
43) 2,4,6-Trichlorophenol	13.068	196	663152	47.054	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	741367	44.195	ng	99
46) 1,1'-Biphenyl	13.474	154	2766467	44.015	ng	99
47) 2-Chloronaphthalene	13.515	162	2125686	45.308	ng	99
48) 2-Nitroaniline	13.716	65	620926	48.866	ng	96
49) Acenaphthylene	14.357	152	3453211	47.016	ng	100
50) Dimethylphthalate	14.092	163	2638347	47.674	ng	100
51) 2,6-Dinitrotoluene	14.210	165	554468	52.373	ng	97
52) Acenaphthene	14.698	154	2515303m	52.414	ng	
53) 3-Nitroaniline	14.539	138	537969	42.955	ng	99
54) 2,4-Dinitrophenol	14.745	184	658237	108.533	ng	94
55) Dibenzofuran	15.033	168	3349472	47.280	ng	99
56) 4-Nitrophenol	14.845	139	1281835	132.312	ng	93
57) 2,4-Dinitrotoluene	14.998	165	797516	51.982	ng	90
58) Fluorene	15.680	166	2863495	48.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	654760	52.486	ng	98
60) Diethylphthalate	15.451	149	2812021	51.407	ng	100
61) 4-Chlorophenyl-phenyle...	15.674	204	1337698	46.428	ng	96
62) 4-Nitroaniline	15.704	138	775129	59.428	ng	93
63) Azobenzene	15.968	77	2647378	48.542	ng	96
65) 4,6-Dinitro-2-methylph...	15.757	198	428962	49.859	ng	93
66) n-Nitrosodiphenylamine	15.886	169	2445734	45.894	ng	98
67) 4-Bromophenyl-phenylether	16.568	248	736693	43.024	ng	96
68) Hexachlorobenzene	16.680	284	893366	45.655	ng	99
69) Atrazine	16.839	200	803342	60.604	ng	99
70) Pentachlorophenol	17.027	266	1258897	98.004	ng	99
71) Phenanthrene	17.421	178	4307232	46.469	ng	100
72) Anthracene	17.509	178	4444757	48.398	ng	100
73) Carbazole	17.780	167	4322734	52.099	ng	100
74) Di-n-butylphthalate	18.345	149	4800662	45.466	ng	99
75) Fluoranthene	19.433	202	4677218	50.628	ng	99
77) Benzidine	19.615	184	3197353	128.815	ng	99
78) Pyrene	19.792	202	5136206	43.791	ng	100
80) Butylbenzylphthalate	20.686	149	2216556	46.161	ng	90
81) Benzo(a)anthracene	21.539	228	5300041	46.840	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1537549	45.489	ng	100
83) Chrysene	21.591	228	4924749	45.361	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	3306337	43.393	ng	97
85) Di-n-octyl phthalate	22.397	149	5631785	47.760	ng	97
87) Indeno(1,2,3-cd)pyrene	26.538	276	4774081	40.894	ng	99
88) Benzo(b)fluoranthene	23.250	252	4850882	51.611	ng	99
89) Benzo(k)fluoranthene	23.303	252	4999605	48.646	ng	98
90) Benzo(a)pyrene	23.885	252	3995497	44.327	ng	99
91) Dibenzo(a,h)anthracene	26.556	278	4132022	40.996	ng	99
92) Benzo(g,h,i)perylene	27.320	276	3408354	38.262	ng	100

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

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