Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
Data File : BM029601.D
Acq On : 22 Apr 2021 19:31
Operator : CG/JU
Sample : M2106-21MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-28-9.5-10.0MS

Quant Time: Apr 23 02:25:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	70770	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	252664	20.00	ng		0.00
39) Acenaphthene-d10	14.281	164	156315	20.00	ng		0.00
64) Phenanthrene-d10	17.022	188	314867	20.00	ng		0.00
76) Chrysene-d12	21.204	240	327435	20.00	ng		0.00
86) Perylene-d12	23.392	264	369644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	365082	103.42	ng		0.00
7) Phenol-d6	6.810	99	482943	91.60	ng		0.00
23) Nitrobenzene-d5	8.787	82	331141	67.50	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	178509	82.58	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	815119	70.78	ng		0.00
79) Terphenyl-d14	19.651	244	970941	56.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	56786	39.90	ng		98
3) Pyridine	3.564	79	148836	41.04	ng		99
4) n-Nitrosodimethylamine	3.481	42	77403	43.49	ng		98
6) Aniline	6.969	93	116893	20.17	ng		98
8) 2-Chlorophenol	7.199	128	170341	38.81	ng		99
9) Benzaldehyde	6.781	77	106187	35.42	ng		97
10) Phenol	6.840	94	215032	42.08	ng		98
11) bis(2-Chloroethyl)ether	7.063	93	152682	39.17	ng		98
12) 1,3-Dichlorobenzene	7.522	146	208060	41.14	ng		99
13) 1,4-Dichlorobenzene	7.669	146	210741	40.69	ng		97
14) 1,2-Dichlorobenzene	7.981	146	202631	39.25	ng		98
15) Benzyl Alcohol	7.875	79	146596	38.27	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	194201	37.79	ng		98
17) 2-Methylphenol	8.081	107	134796	37.86	ng		95
18) Hexachloroethane	8.699	117	76237	40.76	ng		99
19) n-Nitroso-di-n-propyla...	8.440	70	126266	32.84	ng		97
20) 3+4-Methylphenols	8.404	107	178041	36.36	ng		96
22) Acetophenone	8.452	105	237522	39.21	ng	#	99
24) Nitrobenzene	8.828	77	191820	38.66	ng		99
25) Isophorone	9.351	82	323019	35.04	ng		98
26) 2-Nitrophenol	9.534	139	87180	37.31	ng		95
27) 2,4-Dimethylphenol	9.598	122	147060	44.41	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	191597	42.07	ng		98
29) 2,4-Dichlorophenol	10.063	162	173768	39.78	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	203032	40.36	ng		99
31) Naphthalene	10.463	128	502009	38.64	ng		99
32) Benzoic acid	9.740	122	86369	32.52	ng		98
33) 4-Chloroaniline	10.581	127	34637	6.76	ng		97
34) Hexachlorobutadiene	10.751	225	127385	39.77	ng		95
35) Caprolactam	11.369	113	40011	30.25	ng		95
36) 4-Chloro-3-methylphenol	11.710	107	150166	35.18	ng		97
37) 2-Methylnaphthalene	12.081	142	376584	36.21	ng		99
38) 1-Methylnaphthalene	12.304	142	350083	35.30	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	219267	46.78	ng		99
41) Hexachlorocyclopentadiene	12.434	237	274614	104.98	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	136380	42.32	ng		97

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44) 2,4,5-Trichlorophenol	12.775	196	149566	42.04	ng	98
46) 1,1'-Biphenyl	13.104	154	495935	43.40	ng	99
47) 2-Chloronaphthalene	13.145	162	392429	42.92	ng	99
48) 2-Nitroaniline	13.357	65	94266	37.55	ng	96
49) Acenaphthylene	13.998	152	616980	44.01	ng	99
50) Dimethylphthalate	13.745	163	479148	40.56	ng	99
51) 2,6-Dinitrotoluene	13.857	165	97954	37.67	ng	99
52) Acenaphthene	14.339	154	365443	41.61	ng	99
53) 3-Nitroaniline	14.192	138	25870	13.03	ng	97
54) 2,4-Dinitrophenol	14.398	184	96890	59.62	ng	95
55) Dibenzofuran	14.681	168	573311	38.66	ng	98
56) 4-Nitrophenol	14.504	139	148799	77.35	ng	98
57) 2,4-Dinitrotoluene	14.651	165	132369	37.69	ng	97
58) Fluorene	15.328	166	476286	38.25	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.910	232	121542	38.40	ng	99
60) Diethylphthalate	15.110	149	439700	37.92	ng	99
61) 4-Chlorophenyl-phenyle...	15.328	204	244048	38.73	ng	98
62) 4-Nitroaniline	15.357	138	75993	30.66	ng	96
63) Azobenzene	15.616	77	413092	37.52	ng	99
65) 4,6-Dinitro-2-methylph...	15.410	198	64801	30.96	ng	97
66) n-Nitrosodiphenylamine	15.539	169	394702	40.55	ng	99
67) 4-Bromophenyl-phenylether	16.222	248	135971	41.36	ng	95
68) Hexachlorobenzene	16.327	284	151410	40.50	ng	97
69) Atrazine	16.498	200	147835	42.57	ng	100
70) Pentachlorophenol	16.675	266	190661	78.33	ng	99
71) Phenanthrene	17.063	178	704520	38.86	ng	100
72) Anthracene	17.151	178	719787	40.24	ng	100
73) Carbazole	17.427	167	620042	37.00	ng	99
74) Di-n-butylphthalate	17.998	149	723873	39.79	ng	100
75) Fluoranthene	19.080	202	795519	36.18	ng	99
77) Benzidine	19.274	184	351667	50.73	ng	99
78) Pyrene	19.445	202	827648	39.29	ng	99
80) Butylbenzylphthalate	20.351	149	313797	39.79	ng	100
81) Benzo(a)anthracene	21.186	228	833737	38.49	ng	100
82) 3,3'-Dichlorobenzidine	21.127	252	216289	31.25	ng	98
83) Chrysene	21.239	228	817737	38.42	ng	100
84) Bis(2-ethylhexyl)phtha...	21.133	149	493196	39.02	ng	97
85) Di-n-octyl phthalate	21.998	149	837485	39.49	ng	99
87) Indeno(1,2,3-cd)pyrene	25.597	276	1218715	42.64	ng	99
88) Benzo(b)fluoranthene	22.739	252	910128	37.76	ng	100
89) Benzo(k)fluoranthene	22.786	252	863703	35.75	ng	99
90) Benzo(a)pyrene	23.298	252	824447	36.43	ng	100
91) Dibenzo(a,h)anthracene	25.603	278	1020529	41.41	ng	99
92) Benzo(g,h,i)perylene	26.268	276	986086	43.27	ng	98

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

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