Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
Data File : BM030388.D
Acq On : 11 Jun 2021 03:10
Operator : CG/JU
Sample : M2612-21MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(6-10)MS

Quant Time: Jun 11 07:54:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	157579	20.000	ng		-0.01
21) Naphthalene-d8	10.628	136	733658	20.000	ng		-0.01
39) Acenaphthene-d10	14.469	164	547104	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1238546	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1516034	20.000	ng		0.00
86) Perylene-d12	23.639	264	1485682	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1548688	159.770	ng		0.00
7) Phenol-d6	7.010	99	1962247	139.838	ng		0.00
23) Nitrobenzene-d5	8.999	82	1311635	87.097	ng		-0.01
42) 2,4,6-Tribromophenol	15.951	330	1058143	153.831	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3506211	84.278	ng		0.00
79) Terphenyl-d14	19.816	244	6823172	79.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	146395	34.936	ng	#	1
3) Pyridine	3.758	79	348527	32.582	ng	#	88
4) n-Nitrosodimethylamine	3.652	42	234011	43.094	ng	#	82
6) Aniline	7.175	93	802267	50.100	ng		95
8) 2-Chlorophenol	7.410	128	673254	59.178	ng		99
9) Benzaldehyde	6.987	77	356930	60.899	ng		93
10) Phenol	7.034	94	800046	56.438	ng		92
11) bis(2-Chloroethyl)ether	7.263	93	580981	52.017	ng		96
12) 1,3-Dichlorobenzene	7.734	146	535957	42.759	ng		96
13) 1,4-Dichlorobenzene	7.875	146	558553	43.728	ng		99
14) 1,2-Dichlorobenzene	8.193	146	560804	45.133	ng		100
15) Benzyl Alcohol	8.081	79	601313	61.062	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.369	45	805818	44.836	ng		91
17) 2-Methylphenol	8.281	107	578276	62.950	ng		93
18) Hexachloroethane	8.922	117	194432	42.351	ng		99
19) n-Nitroso-di-n-propyla...	8.646	70	499279	53.590	ng		98
20) 3+4-Methylphenols	8.604	107	808603	64.696	ng		96
22) Acetophenone	8.663	105	983079	50.152	ng	#	99
24) Nitrobenzene	9.040	77	715526	45.548	ng		96
25) Isophorone	9.563	82	1352527	46.861	ng		99
26) 2-Nitrophenol	9.746	139	329346	47.889	ng		95
27) 2,4-Dimethylphenol	9.804	122	688606	61.636	ng		97
28) bis(2-Chloroethoxy)met...	10.040	93	845552	51.525	ng		99
29) 2,4-Dichlorophenol	10.281	162	747060	59.649	ng		97
30) 1,2,4-Trichlorobenzene	10.493	180	642793	44.963	ng		98
31) Naphthalene	10.681	128	1922847	44.992	ng		99
32) Benzoic acid	9.881	122	46462	9.788	ng		92
33) 4-Chloroaniline	10.793	127	366080	21.048	ng		96
34) Hexachlorobutadiene	10.969	225	357373	41.877	ng		97
35) Caprolactam	11.587	113	189992	44.530	ng		90
36) 4-Chloro-3-methylphenol	11.910	107	769911	58.687	ng		100
37) 2-Methylnaphthalene	12.292	142	1560561	49.768	ng		98
38) 1-Methylnaphthalene	12.510	142	1470473	49.235	ng		100
40) 1,2,4,5-Tetrachloroben...	12.663	216	847187	48.041	ng		99
41) Hexachlorocyclopentadiene	12.640	237	745073	77.057	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	638304	53.540	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	719648	55.032	ng		99
46) 1,1'-Biphenyl	13.298	154	2049373	46.255	ng		99
47) 2-Chloronaphthalene	13.345	162	1656281	46.250	ng		98
48) 2-Nitroaniline	13.545	65	564994	51.460	ng		97
49) Acenaphthylene	14.192	152	2691490	49.060	ng		99
50) Dimethylphthalate	13.928	163	2253896	51.766	ng		100
51) 2,6-Dinitrotoluene	14.039	165	481953	50.214	ng		95
52) Acenaphthene	14.534	154	1630985	46.543	ng		98
53) 3-Nitroaniline	14.369	138	480314	45.102	ng		95
54) 2,4-Dinitrophenol	14.575	184	17457	4.896	ng		88
55) Dibenzofuran	14.863	168	2667761	47.845	ng		99
56) 4-Nitrophenol	14.675	139	517431	63.488	ng		91
57) 2,4-Dinitrotoluene	14.828	165	653577	48.162	ng		96
58) Fluorene	15.510	166	2302846	50.061	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	559313	49.418	ng	#	95
60) Diethylphthalate	15.286	149	2177533	50.029	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	1157382	51.051	ng		96
62) 4-Nitroaniline	15.533	138	575732	50.539	ng		86
63) Azobenzene	15.798	77	2017025	45.881	ng		96
65) 4,6-Dinitro-2-methylph...	15.586	198	30397	5.209	ng		97
66) n-Nitrosodiphenylamine	15.722	169	1992322	46.256	ng		100
67) 4-Bromophenyl-phenylether	16.398	248	696178	48.234	ng		95
68) Hexachlorobenzene	16.516	284	798852	48.812	ng		94
69) Atrazine	16.669	200	687271	59.579	ng		95
70) Pentachlorophenol	16.851	266	476526	49.748	ng		98
71) Phenanthrene	17.245	178	3729746	47.857	ng		99
72) Anthracene	17.333	178	3848134	50.854	ng		100
73) Carbazole	17.604	167	3585357	49.684	ng		100
74) Di-n-butylphthalate	18.163	149	3838925	51.026	ng		99
75) Fluoranthene	19.251	202	4632502	52.367	ng		97
77) Benzidine	19.433	184	2636016	98.271	ng		98
78) Pyrene	19.610	202	4875645	42.442	ng		99
80) Butylbenzylphthalate	20.504	149	1846633	39.628	ng		94
81) Benzo(a)anthracene	21.345	228	5185203	46.994	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1474346	44.139	ng		99
83) Chrysene	21.398	228	5019283	46.808	ng		97
84) Bis(2-ethylhexyl)phtha...	21.274	149	2849306	40.532	ng		100
85) Di-n-octyl phthalate	22.157	149	4937116	45.043	ng		100
87) Indeno(1,2,3-cd)pyrene	25.962	276	5203951	46.052	ng		98
88) Benzo(b)fluoranthene	22.951	252	5299099	47.126	ng		98
89) Benzo(k)fluoranthene	22.998	252	5224382	47.571	ng	#	97
90) Benzo(a)pyrene	23.545	252	5024607	50.532	ng		99
91) Dibenzo(a,h)anthracene	25.974	278	4453895	45.714	ng		99
92) Benzo(g,h,i)perylene	26.668	276	4151876	44.802	ng		98

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

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