Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
Data File : BM030389.D
Acq On : 11 Jun 2021 03:46
Operator : CG/JU
Sample : M2612-21MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 11 07:54:54 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	185885	20.000	ng		-0.01
21) Naphthalene-d8	10.633	136	858233	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	619294	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1372887	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1622093	20.000	ng		0.00
86) Perylene-d12	23.638	264	1520369	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1807752	158.097	ng		0.00
7) Phenol-d6	7.010	99	2248507	135.838	ng		0.00
23) Nitrobenzene-d5	8.998	82	1535172	87.144	ng		-0.01
42) 2,4,6-Tribromophenol	15.951	330	1183664	152.020	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3967382	84.247	ng		0.00
79) Terphenyl-d14	19.815	244	7299212	79.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	171972	34.790	ng	#	13
3) Pyridine	3.757	79	409213	32.430	ng	#	86
4) n-Nitrosodimethylamine	3.652	42	273216	42.652	ng	#	83
6) Aniline	7.175	93	903568	47.834	ng		95
8) 2-Chlorophenol	7.410	128	785668	58.543	ng		99
9) Benzaldehyde	6.987	77	407897	58.997	ng		92
10) Phenol	7.034	94	906422	54.205	ng		93
11) bis(2-Chloroethyl)ether	7.269	93	683888	51.906	ng		98
12) 1,3-Dichlorobenzene	7.734	146	631338	42.699	ng		97
13) 1,4-Dichlorobenzene	7.875	146	661108	43.875	ng		99
14) 1,2-Dichlorobenzene	8.192	146	655010	44.687	ng		100
15) Benzyl Alcohol	8.081	79	698514	60.131	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.369	45	948674	44.747	ng		91
17) 2-Methylphenol	8.281	107	665390	61.403	ng		93
18) Hexachloroethane	8.922	117	228070	42.114	ng		99
19) n-Nitroso-di-n-propyla...	8.651	70	580746	52.842	ng		97
20) 3+4-Methylphenols	8.610	107	927971	62.941	ng		96
22) Acetophenone	8.663	105	1142629	49.831	ng		99
24) Nitrobenzene	9.039	77	827423	45.026	ng		95
25) Isophorone	9.563	82	1550696	45.928	ng		99
26) 2-Nitrophenol	9.745	139	394091	48.912	ng		96
27) 2,4-Dimethylphenol	9.804	122	791411	60.555	ng		96
28) bis(2-Chloroethoxy)met...	10.039	93	977358	50.912	ng		99
29) 2,4-Dichlorophenol	10.281	162	848689	57.927	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	755127	45.154	ng		100
31) Naphthalene	10.681	128	2223778	44.481	ng		99
32) Benzoic acid	9.886	122	68220	11.012	ng		87
33) 4-Chloroaniline	10.792	127	404502	19.881	ng		96
34) Hexachlorobutadiene	10.969	225	424176	42.491	ng		96
35) Caprolactam	11.592	113	211200	42.612	ng	#	87
36) 4-Chloro-3-methylphenol	11.910	107	867170	56.506	ng		99
37) 2-Methylnaphthalene	12.292	142	1787203	48.723	ng		99
38) 1-Methylnaphthalene	12.510	142	1667449	47.726	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	964638	48.325	ng		99
41) Hexachlorocyclopentadiene	12.639	237	867523	79.262	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	721466	53.462	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	805494	54.416	ng	99
46) 1,1'-Biphenyl	13.304	154	2345588	46.770	ng	99
47) 2-Chloronaphthalene	13.345	162	1890107	46.627	ng	98
48) 2-Nitroaniline	13.545	65	626708	50.507	ng	96
49) Acenaphthylene	14.186	152	3013782	48.531	ng	99
50) Dimethylphthalate	13.927	163	2524281	51.217	ng	99
51) 2,6-Dinitrotoluene	14.045	165	543254	50.003	ng	91
52) Acenaphthene	14.533	154	1841861	46.433	ng	98
53) 3-Nitroaniline	14.368	138	506452	42.284	ng	97
54) 2,4-Dinitrophenol	14.574	184	22438	5.525	ng	96
55) Dibenzofuran	14.863	168	2989602	47.367	ng	99
56) 4-Nitrophenol	14.674	139	593727	64.357	ng	90
57) 2,4-Dinitrotoluene	14.827	165	744638	48.456	ng	96
58) Fluorene	15.510	166	2593308	49.804	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	634377	49.516	ng	95
60) Diethylphthalate	15.286	149	2459038	49.911	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1290672	50.294	ng	97
62) 4-Nitroaniline	15.533	138	629356	48.964	ng	86
63) Azobenzene	15.798	77	2241599	45.045	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	38505	5.873	ng	95
66) n-Nitrosodiphenylamine	15.721	169	2244669	47.015	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	769919	48.123	ng	96
68) Hexachlorobenzene	16.515	284	891079	49.119	ng	95
69) Atrazine	16.668	200	773511	60.494	ng	95
70) Pentachlorophenol	16.851	266	568348	53.528	ng	97
71) Phenanthrene	17.245	178	4131846	47.829	ng	99
72) Anthracene	17.333	178	4239174	50.539	ng	100
73) Carbazole	17.604	167	3914341	48.935	ng	100
74) Di-n-butylphthalate	18.162	149	4277872	51.297	ng	99
75) Fluoranthene	19.251	202	5072662	51.732	ng	97
77) Benzidine	19.433	184	2707687	94.343	ng	98
78) Pyrene	19.615	202	5313190	43.227	ng	99
80) Butylbenzylphthalate	20.503	149	2040228	40.780	ng	95
81) Benzo(a)anthracene	21.345	228	5490838	46.510	ng	97
82) 3,3'-Dichlorobenzidine	21.280	252	1536489	42.992	ng	99
83) Chrysene	21.403	228	5367603	46.784	ng	97
84) Bis(2-ethylhexyl)phtha...	21.274	149	3105291	41.206	ng	100
85) Di-n-octyl phthalate	22.156	149	5319999	45.333	ng	99
87) Indeno(1,2,3-cd)pyrene	25.962	276	5322538	46.026	ng	99
88) Benzo(b)fluoranthene	22.956	252	5767677	50.123	ng	99
89) Benzo(k)fluoranthene	23.003	252	5199157	46.261	ng	98
90) Benzo(a)pyrene	23.544	252	5182793	50.934	ng	99
91) Dibenzo(a,h)anthracene	25.974	278	4548978	45.625	ng	99
92) Benzo(g,h,i)perylene	26.674	276	4252160	44.837	ng	98

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

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